

EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84  
USAFETAC/DS-84/039 F/G 4/2

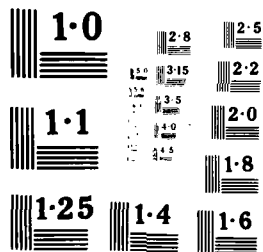
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USAFETAC/DS-84/039

**F/G 4/2**

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AD-A159 688

DATA PROCESSING BRANCH  
USAFETAC  
Air Weather Service ( MAC )

"LIMITED SURFACE OBSERVATIONS"  
CLIMATIC SUMMARY "LISOCs"

EDWARDS AFB CA  
N 34 54 W 117 52 ELEV: 2302 FT  
EDW

MOJ # 723810

PERIOD - F HOURS SUMMARIZED: 0500 - 2100 L

PERIOD OF RECORD:  
HOURLY OBSERVATIONS: SEP 74 - AUG 84  
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO EST: -8

18 DEC 1984

DISTRIBUTION STATEMENT A

Approved for public release  
Distribution Unlimited

FEDERAL BUILDING  
ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

I have read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case. I have also read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case.

I have also read the report of the [redacted] and find it to be a fair and accurate statement of the facts and circumstances of the case.

Wayne E. Hill  
[redacted]



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SECURITY CLASSIFICATION OF THIS PAGE

| REPORT DOCUMENTATION PAGE   |       |  |  |  |
|---|-------|--|--|--|
| 1a REPORT SECURITY CLASSIFICATION<br>Unclassified   |       | 1b RESTRICTIVE MARKINGS  |  |  |
| 2a SECURITY CLASSIFICATION AUTHORITY  |       | 3 DISTRIBUTION AVAILABILITY OF REPORT<br>Approved for public release;<br>distribution unlimited. |  |  |
| 2b DECLASSIFICATION/DOWNGRADING SCHEDULE  |       | 5 MONITORING ORGANIZATION REPORT NUMBER(S)<br>USAFETAC/DS- 84/039                                |  |  |
| 4 PERFORMING ORGANIZATION REPORT NUMBER(S)<br>USAFETAC/DS-84/039  |       | 7a NAME OF MONITORING ORGANIZATION<br>USAFETAC   |  |  |
| 6a NAME OF PERFORMING ORGANIZATION<br>USAFETAC/OL-A   |       | 6b OFFICE SYMBOL<br>(if applicable)  |  |  |
| 6c ADDRESS (City, State, and ZIP Code)<br>Federal Building<br>Asheville, NC 28801   |       | 7b ADDRESS (City, State, and ZIP Code)<br>Scott AFB, IL 62225-5438                               |  |  |
| 8a NAME OF FUNDING/SPONSORING ORGANIZATION  |       | 8b OFFICE SYMBOL<br>(if applicable)  |  |  |
| 8c ADDRESS (City, State, and ZIP Code)  |       | 9 PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER   |  |  |
| 10 SOURCE OF FUNDING NUMBERS  |       | PROGRAM ELEMENT NO   |  |  |
|   |       | PROJECT NO   |  |  |
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|   |       | WORK UNIT ACCESSION NO   |  |  |
| 11 TITLE (Include Security Classification)<br>EDWARDS AFB CALIFORNIA (LISOCs) (Unclassified)  |       |  |  |  |
| 12 PERSONAL AUTHOR(S)   |       |  |  |  |
| 13a TYPE OF REPORT<br>Data Summary  |       | 13b TIME COVERED<br>FROM SEP 74 TO AUG 84  |  | 14 DATE OF REPORT (Year, Month, Day)<br>DEC 84 |
| 15 PAGE COUNT<br>120  |       |  |  |  |
| 16 SUPPLEMENTARY NOTATION   |       |  |  |  |
| 17 COSATI CODES   |       |  | 18 SUBJECT TERMS (Continue on reverse if necessary and identify by block number) |  |
| FIELD   | GROUP | SUB-GROUP  | *climatology *weather Meteorological conditions                                  |  |
| 04  | 02    |  | (continued over)   |  |
| 19 ABSTRACT (Continue on reverse if necessary and identify by block number)   |       |  |  |  |
| <p>A statistical data summary of surface weather observation climatology for:<br/><b>EDWARDS AFB CALIFORNIA.</b></p> <p>This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.</p> |       |  |  |  |
| 20 DISTRIBUTION AVAILABILITY OF ABSTRACT<br><input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS   |       |  | 21 ABSTRACT SECURITY CLASSIFICATION<br>Unclassified                              |  |
| 22a NAME OF RESPONSIBLE INDIVIDUAL<br>Marie Wakefield   |       |  | 22b TELEPHONE (Include Area Code)<br>(618) 256-2625                              |  |
|   |       |  | 22c OFFICE SYMBOL<br>USAFETAC/LDD  |  |

DD FORM 1473, 84 MAR

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All other editions are c

SECURITY CLASSIFICATION OF THIS PAGE

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18. Subject terms cont.

|   |                    |                   |            |
|---|--------------------|-------------------|------------|
| winds   | precipitation      | temperature       | visibility |
| barometric pressure                           |                    | relative humidity |            |
| sky cover                                     | psychrometric data |                   | ceiling    |
| Limited Surface Observations Climatic Summary |                    |                   |            |
| LISOCs  |                    |                   |            |

EDWARDS AFB CALIFORNIA

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MUROC AFB

USCA 723810

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A-1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARIES  
(LISOCs)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description preceeds each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;  
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

|           |           |
|-----------|-----------|
| 0000-0200 | 1200-1400 |
| 0300-0500 | 1500-1700 |
| 0600-0800 | 1800-2000 |
| 0900-1100 | 2100-2300 |

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION LOCATION AND INSTRUMENTATION HISTORY

[illegible]

| NO | DATE OF CHANGE | SURFACE EQUIPMENT INFORMATION            |                     |                  |                 | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|----|----------------|--|---------------------|------------------|-----------------|---|
|    |                | LOCATION                                 | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND |   |
| 1  | Dec 41         | Located on HQS Bldg                      | Anemometer          | N/A              | 40 Ft           |   |
| 2  | Apr 42         | Located on Operations Bldg               | Same                | N/A              | 33 Ft           |   |
| 3  | Mar 43         | Same                                     | Same                | N/A              | 48 Ft           |   |
| 4  | Sep 44         | Located on Bldg T-42                     | Seisyn              | ML-144           | 75 Ft           |   |
| 5  | Jan 48         | Located on Operations Bldg               | Same                | Same             | 32 Ft           |   |
| 6  | Jan 50         | Located on Control Tower                 | Same                | Same             | 58 Ft           |   |
| 7  | Mar 56         | Same                                     | AN/GMO-1            | ML-204           | 70 Ft           |   |
| 8  | Apr 56         | Located 200 ft NW of Operations Bldg     | Same                | Same             | 13 Ft           |   |
| 9  | Feb 57         | Located 700 Ft from center of Rwy 04/22. | AN/GMO-11           | RO-2             | 15 Ft           |   |



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.



## WEATHER CONDITIONS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

U. S. AIR FORCE, DEPT. OF DEFENSE, OFFICE OF WEATHER  
OPERATIONS, FROM HOURLY OBSERVATIONS.

| MONTH  | HOURS<br>LST | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JAN    | 2-10         |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                       |
| FEB    | 7-           |                   |                           |                                  |                         |      |                            | 8.1 |                         |                 |                        | 8.1                                | 11                    |
| MAR    | -1           |                   | 4.4                       |                                  | .                       |      | 4.4                        | 6.4 | 1.1                     |                 | .1                     | 6.4                                | 70                    |
| APR    | -11          |                   | 3.1                       |                                  | .5                      |      | 3.1                        | 5.1 | 1.4                     |                 | .1                     | 5.                                 | 70                    |
| MAY    | -11          |                   | 3.9                       |                                  | .1                      |      | 1.4                        | 2.5 | .1                      |                 |                        | 3.1                                | 64                    |
| JUN    | -11          |                   | 3.1                       |                                  | .1                      |      | 4.5                        | 2.4 | 1.                      |                 | .1                     | 1.1                                | 70                    |
| JUL    | -2           |                   | 4.4                       |                                  | .5                      |      | 4.4                        | 2.2 | .1                      |                 | .1                     | 3.4                                | 70                    |
| AUG    | -2           |                   | 4.                        |                                  | .1                      |      | 4.7                        | 4.1 | 1.1                     |                 |                        | 4.7                                | 301                   |
| SEPT   |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                       |
| OCT    |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                       |
| NOV    |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                       |
| DEC    |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                       |
| TOTALS |              |                   | .                         |                                  | .4                      |      | 1.4                        | 6.5 | .5                      |                 | .1                     | 1.1                                | 4734                  |

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DATE OF RECEIPT

USE WITH CAUTION  
SEE FIRST PAGE

# WEATHER CONDITIONS

STATION                      STATION NAME                      YEARS                      MONTH                     

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>OBS. | THUNDER<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OB<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|---------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|----------------------------------|-------------------------|
| -      | -             | -                 | -                         | -                                | -                       | -    | -                           | -   | -                       | -               | -                      | -                                | -                       |
| -      | -             | -                 | -                         | -                                | -                       | -    | -                           | -   | -                       | -               | -                      | -                                | -                       |
| -      | -             | -                 | .7                        | -                                | .1                      | -    | .7                          | 1.4 | 1.1                     | -               | -                      | 4.1                              | 14.3                    |
| 1-11   | -             | -                 | 1.7                       | -                                | -                       | -    | 3.4                         | 2.5 | 1.1                     | -               | .4                     | 4.4                              | 12.5                    |
| 1-11   | -             | -                 | 2.1                       | -                                | .4                      | -    | 3.1                         | 1.1 | .7                      | -               | .4                     | 1.1                              | 14.3                    |
| 1-11   | .1            | -                 | 1.7                       | -                                | .1                      | -    | 3.1                         | 1.1 | .1                      | -               | .4                     | 2.1                              | 4.3                     |
| 1-11   | -             | -                 | 4.3                       | -                                | .1                      | -    | 4.1                         | 1.7 | 1.7                     | -               | .7                     | 1.1                              | 14.3                    |
| 1-11   | -             | -                 | 2.5                       | -                                | .7                      | -    | 3.1                         | 1.1 | .7                      | -               | .4                     | 2.1                              | 14.3                    |
| -      | -             | -                 | -                         | -                                | -                       | -    | -                           | -   | -                       | -               | -                      | -                                | -                       |
| -      | -             | -                 | -                         | -                                | -                       | -    | -                           | -   | -                       | -               | -                      | -                                | -                       |
| -      | -             | -                 | -                         | -                                | -                       | -    | -                           | -   | -                       | -               | -                      | -                                | -                       |
| TOTALS | -             | .1                | .4                        | -                                | -                       | -    | 3.1                         | 1.1 | 1.1                     | -               | .7                     | .1                               | 14.3                    |

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         |              |       |                |
|---------|--------------|-------|----------------|
| STATION | STATION NAME | YEARS | MONTH          |
|         |              |       |                |
|         | CLASS        |       | HOURS (L.S.T.) |
|         | CONDITION    |       |                |

| SPEED<br>KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                 |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-64 STATION NAME ALLIANCE YEARS 1964 MONTH 12  
 CLASS 1 HOURS (LST) 12  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 12

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         |              |       |                |
|---------|--------------|-------|----------------|
| STATION | STATION NAME | YEARS | MONTH          |
|         | CLASS        |       | HOURS (L.S.T.) |
|         | CONDITION    |       |                |

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                      |       | 1.4   |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                      |       | 1.2   |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                    |       | 1.1   |        |         |         |         |         |         |         |         |      |   |                       |
| SW                     |       |       | 1.3    | .4      |         |         |         |         |         |         |      |   |                       |
| WSW                    |       | 1.7   | 1.7    | .7      | .1      |         |         |         |         |         |      |   |                       |
| W                      |       | 1.4   | 1.7    | .7      | .6      | .2      |         |         |         |         |      |   |                       |
| WNW                    |       | 1.1   |        | .7      | .4      | .2      |         |         |         |         |      |   |                       |
| NW                     |       | 1.7   |        | .1      |         |         |         |         |         |         |      |   |                       |
| NNW                    |       | .1    |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

## WEATHER CONDITIONS

222  
MONTH

| MONTH  | HOURS<br>LST | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 2-2    | 2-2          |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
| 2-2    | 2-2          |                   |                           |                                  |                         |      |                            |     | 4.3                     |                 |                        | 4.3                                | 17                     |
| 2-2    | 2-2          |                   | 1.0                       |                                  |                         |      | 1.0                        | 3.0 | .9                      |                 |                        | 7.7                                | 347                    |
| 2-11   | 2-11         |                   | 1.0                       |                                  |                         |      | 1.0                        | 2.4 | 1.1                     |                 | .1                     | 3.7                                | 341                    |
| 12-10  | 12-10        |                   | 1.0                       |                                  |                         |      | 1.0                        | 1.0 | 1.1                     |                 | .3                     | 2.4                                | 389                    |
| 12-10  | 12-10        |                   | 1.0                       |                                  |                         |      | 1.0                        | .6  | .7                      |                 | .7                     | 1.0                                | 377                    |
| 1-20   | 1-20         |                   | 1.0                       |                                  | .1                      |      | 1.0                        | .8  | .1                      |                 | .4                     | 1.0                                | 355                    |
| 1-20   | 1-20         |                   | 1.0                       |                                  | .4                      |      | 1.0                        | 1.1 | .4                      |                 | .4                     | 1.0                                | 204                    |
|        |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |              |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS |              |                   | 1.2                       |                                  | .1                      |      | 1.2                        | 1.3 | 1.3                     |                 | .2                     | 2.7                                | 4649                   |

USAF CLIMATOLOGY BRANCH  
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ATTN: WEATHER SERVICE/NAAC

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# WEATHER CONDITIONS

STATION 74-83 STATION NAME YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>OBS | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| 1-1    | 0-5          |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                       |
| 1-2    | 0-5          |                   | 0.2                       |                                  |                         |      | 0.2                        |     |                         |                 |                        |                                    | 51                    |
| 1-3    | 0-5          |                   | 1.1                       |                                  |                         |      | 1.1                        | .5  | 2.5                     |                 |                        | 2.7                                | 666                   |
| 1-11   | 0-5          | .1                | .5                        |                                  |                         |      | .6                         | .3  | 2.5                     |                 | .1                     | 2.4                                | 666                   |
| 1-11   | 0-5          | .2                | .9                        |                                  |                         | .1   | .6                         |     | .2                      |                 |                        | .2                                 | 666                   |
| 1-12   | 0-5          |                   | 1.2                       |                                  |                         |      | 1.2                        |     | .3                      |                 |                        | .1                                 | 682                   |
| 1-2    | 0-5          |                   | .7                        |                                  |                         |      | .6                         |     | 1.0                     |                 |                        | 1.0                                | 666                   |
| 1-2    | 0-5          |                   | .7                        |                                  |                         |      | .7                         |     | 1.0                     |                 |                        | 1.0                                | 694                   |
| TOTALS |              |                   | 1.5                       |                                  |                         | .1   | 1.5                        | .1  | 1.0                     |                 | .1                     | 1.1                                | 4763                  |



NATIONAL METEOROLOGICAL SERVICE  
 WASHINGTON, D. C.  
 WEATHER SERVICE/MAAC

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# WEATHER CONDITIONS

STATION NAME: STATIONS APL CA YEARS: 74-83 MONTH: OCT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>LST. | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBS*<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|---------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 10-01  | 01-05         | .4                | 1.5                       |                                  |                         |      | 1.6                        | 1.2 | 2.8                     |                 |                        | 2.7                                | 27                     |
| 10-02  | 01-05         | .4                | 1.5                       |                                  |                         |      | 1.6                        | 1.6 | 6.8                     |                 |                        | 7.8                                | 43                     |
| 10-03  | 01-11         |                   | 1.1                       |                                  |                         |      | 1.1                        | .3  | 3.8                     |                 |                        | 5.2                                | 31                     |
| 10-04  | 11-11         | .3                | 1.2                       |                                  |                         |      | 1.2                        |     | .5                      |                 | .1                     | .1                                 | 23                     |
| 10-05  | 11-17         | .3                | .3                        |                                  |                         |      | .1                         |     | .4                      |                 | .3                     | .1                                 | 11                     |
| 10-06  | 11-22         | .2                | .4                        |                                  |                         |      | .4                         |     | .4                      |                 | .3                     | 1.1                                | 16                     |
| 10-07  | 11-23         |                   |                           |                                  |                         |      |                            |     | 2.8                     |                 | 1.1                    | 3.9                                | 41                     |
|        |               |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |               |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |               |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |               |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS |               | .2                | .9                        |                                  |                         |      | .9                         | .8  | 2.4                     |                 | .3                     | 2.9                                | 511                    |

U.S. AIR FORCE  
CLIMATE DIVISION  
ATMOSPHERIC SCIENCE DIVISION

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# WEATHER CONDITIONS

STATION NAME: AAAFS AFB, CA YEARS: 74-83 MONTH: SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>OBS. | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|---------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 7-1    | 1-10          |                   | 1.7                       |                                  |                         |      | 1.7                         | 1.4 | .7                      |                 |                        | 1.7                                | 256                    |
| 7-11   | 1-10          | .1                | 1.2                       |                                  |                         |      | 1.2                         | 2.1 | 1.9                     |                 |                        | 3.1                                | 997                    |
| 7-11   | 1-10          | .2                | 1.2                       |                                  |                         |      | 1.2                         | .6  | .7                      |                 | .1                     | 1.4                                | 889                    |
| 7-11   | 1-10          | .1                | .3                        |                                  |                         |      | .3                          | .1  |                         |                 |                        | .1                                 | 989                    |
| 7-11   | 1-10          | .9                | 1.3                       |                                  |                         |      | 1.2                         | .2  | .1                      |                 |                        | .1                                 | 937                    |
| 7-11   | 1-10          | .7                | 1.2                       |                                  |                         |      | 1.2                         | .3  | .3                      |                 |                        | .7                                 | 374                    |
| 7-11   | 1-23          |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 71                     |
| TOTALS |               | .7                | 1.5                       |                                  |                         |      | 1.5                         | .7  | .8                      |                 | .1                     | 1.1                                | 492                    |

ALBANY CLIMATOLOGY BRANCH  
 100-100  
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# WEATHER CONDITIONS

STATION 100-100 STATION NAME 75-84 YEARS 100 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH   | HOURS<br>LST | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|---------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 1-10-75 |              |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
| 1-11-75 |              |                   | .7                        |                                  |                         |      | .7                          | .7  |                         |                 |                        | .7                                 | 757                    |
| 1-12-75 |              |                   | .9                        |                                  |                         |      | .9                          | .9  | .1                      |                 |                        | 1.0                                | 937                    |
| 1-11    |              |                   | 1.1                       |                                  |                         |      | 1.1                         | .1  | .3                      |                 | .1                     | .4                                 | 737                    |
| 1-14    | .4           |                   | 1.2                       |                                  |                         |      | 1.2                         | .1  |                         |                 |                        | .1                                 | 937                    |
| 1-17    | 1.6          |                   | 1.2                       |                                  |                         |      | 1.2                         | .2  |                         |                 |                        | .2                                 | 927                    |
| 1-25    | 1.4          |                   | 1.3                       |                                  |                         |      | 1.7                         |     |                         |                 | .2                     | .2                                 | 927                    |
| 1-27    |              |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 47                     |
|         |              |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
|         |              |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
|         |              |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
|         |              |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
| TOTALS  |              | .                 | .7                        |                                  |                         |      | .9                          | .3  | .1                      |                 | .2                     | .4                                 | 4090                   |

UNITED STATES AIR FORCE  
 AIR FORCE  
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# WEATHER CONDITIONS

STATION NAME: 75-54 YEARS: JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>LST | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JUL    | 0-23         |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        | 0-5          |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    | 25                     |
|        | 6-10         | .2                | .2                        |                                  |                         |      | .2                         |     |                         |                 |                        |                                    | 25                     |
|        | 11-14        | .1                | .2                        |                                  |                         |      | .2                         |     |                         |                 |                        |                                    | 27                     |
|        | 15-18        |                   | .2                        |                                  |                         |      | .2                         |     |                         |                 |                        |                                    | 27                     |
|        | 19-22        | 1.2               | 1.4                       |                                  |                         |      | 1.4                        |     |                         |                 | .1                     | .1                                 | 24                     |
|        | 23           | 1.0               | .3                        |                                  |                         |      | .3                         |     |                         |                 |                        |                                    | 27                     |
|        | 1-23         |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    | 47                     |
| TOTALS |              | .4                | .4                        |                                  |                         |      | .4                         |     |                         |                 | .1                     | .1                                 | 421                    |

U.S. AIR FORCE  
 AIRCRAFT SERVICE UNIT

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# WEATHER CONDITIONS

STATION: HARRIS AFB, TX STATION NAME: YEARS: JULY MONTH:

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JULY   | 1-24           |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
|        | 25-31          |                    |                           |                                  |                         |      |                             | .3  | .7                      |                 |                        | 1.0                                | 297                    |
|        | 1-10           |                    |                           |                                  |                         |      |                             |     | .1                      |                 | .1                     | .3                                 | 200                    |
|        | 11-20          |                    | .1                        |                                  |                         |      | .1                          |     |                         |                 |                        |                                    | 200                    |
|        | 21-31          | .3                 | .3                        |                                  |                         |      | .3                          |     |                         |                 |                        |                                    | 200                    |
|        | 1-10           | .7                 | .3                        |                                  |                         | .1   | .3                          |     | .1                      |                 | .3                     | .3                                 | 200                    |
|        | 11-20          | .3                 | .1                        |                                  |                         |      | .1                          |     | .1                      |                 |                        | .1                                 | 200                    |
|        | 21-31          |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    | 57                     |
| TOTALS |                |                    | .4                        |                                  |                         |      | .4                          | .3  | .2                      |                 | .1                     | .2                                 | 4854                   |

140 CLIMATELOGY TRAINING  
STATION  
AT THE U.S. NAVY SEA ICG-44

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# WEATHER CONDITIONS

STATION 140 CLIMATELOGY TRAINING STATION 75-94 MAY MONTH  
STATION STATION NAME YEARS MONTH

CONTINUED FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>LST | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| MAY    | 0-23         |                   |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
|        | 0-5          |                   | 1.0                       |                                  |                         |      | 1.0                         | .7  | .3                      |                 |                        | 1.0                                | 306                    |
|        | 6-11         |                   | 1.0                       |                                  |                         |      | 1.0                         | .1  | .2                      |                 |                        | .3                                 | 937                    |
|        | 12-17        | .2                | 1.0                       |                                  |                         |      | 1.0                         | .2  |                         |                 | .6                     | .4                                 | 937                    |
|        | 18-23        | .1                | .3                        |                                  |                         |      | .6                          |     | .1                      |                 | 1.2                    | 1.3                                | 787                    |
|        | 24-29        | .1                | .4                        |                                  |                         |      | .4                          |     | .6                      |                 | .4                     | 1.1                                | 937                    |
|        | 30-31        |                   | 2.3                       |                                  |                         |      | 2.3                         |     |                         |                 | 1.3                    | 2.3                                | 47                     |
| TOTALS |              | .1                | 1.0                       |                                  |                         |      | 1.0                         | .2  | .2                      |                 | .6                     | 1.0                                | 4990                   |

LOCAL CLIMATOLOGY DATA  
 STATION  
 WEATHER SERVICE

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# WEATHER CONDITIONS

STATION STATIONS AFB CA 75-84 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| 1-2    | 7-22           |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        | 7-22           |                    | 3.3                       |                                  |                         |      | 7.5                         | 1.1 |                         |                 |                        | 1.1                                | 91                    |
|        | 7-22           |                    | 1.3                       |                                  |                         |      | 1.1                         | .7  | .4                      |                 |                        | .5                                 | 897                   |
|        | 7-22           |                    | 2.1                       |                                  | .2                      |      | 1.1                         |     | .1                      |                 | .1                     | .2                                 | 894                   |
| 1-10   |                | .1                 | 1.9                       |                                  |                         | .1   | 1.4                         |     |                         |                 | .7                     | .7                                 | 894                   |
| 1-17   |                | .4                 | 1.3                       |                                  |                         |      | 1.3                         |     |                         |                 | .6                     | .6                                 | 894                   |
| 1-20   |                |                    | 1.3                       |                                  |                         |      | 1.4                         | .1  | .1                      |                 | .3                     | .6                                 | 894                   |
| 1-22   |                |                    | .5                        |                                  |                         |      | .7                          |     | .4                      |                 |                        | .4                                 | 262                   |
|        |                |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        |                |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        |                |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                       |
| TOTALS |                | .1                 | 1.0                       |                                  | .2                      | .0   | 1.8                         | .3  | .1                      |                 | .2                     | .5                                 | 4227                  |

CLIMATE DATA  
 WEATHER SERVICE

USE WITH CAUTION  
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# WEATHER CONDITIONS

STATION 75-44

75-44

MA  
 MONTH

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(LST) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
|        |                |                    |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                    | 4.4                       |                                  |                         |      | 4.4                        |     |                         |                 |                        |                                    | 44                     |
|        |                |                    | 4.4                       |                                  | .1                      |      | 5.5                        | 1.5 | .5                      |                 | .2                     | 2.2                                | 227                    |
|        | -11            | .1                 | 4.7                       |                                  |                         |      | 4.7                        | 1.5 | .5                      |                 | .2                     | 1.5                                | 231                    |
| 1      | -11            | .1                 | 4.4                       |                                  |                         |      | 4.4                        | .2  | 1.5                     |                 | .2                     | 1.5                                | 237                    |
| 1      | -11            |                    | 5.6                       |                                  |                         |      | 5.6                        | .5  | .5                      |                 | .1                     | 1.7                                | 237                    |
| 1      | -2             |                    | 5.1                       |                                  |                         |      | 5.1                        | .9  | 1.1                     |                 | .3                     | 2.2                                | 222                    |
| 1      | -2             |                    | 4.2                       |                                  | .5                      |      | 4.5                        | .3  | .5                      |                 |                        | 1.5                                | 202                    |
|        |                |                    |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                    |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                    |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS |                | .                  | 5.5                       |                                  | .1                      |      | 5.6                        | .8  | .5                      |                 | .1                     | 1.5                                | 4296                   |



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 15-47-01 STATION NAME ALL STATE YEARS 75-76 MONTH 12  
CLASS 170  
CONDITION HOURS (LST)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       | .4    | .7    | .6     |         |         |         |         |         |         |         |      |   |                       |
| NNE                     | .7    | .8    | .7     | .6      | .1      |         |         |         |         |         |      |   |                       |
| NE                      | .7    | 2.4   | 1.7    | .7      | .1      | .1      |         |         |         |         |      |   |                       |
| ENE                     | .7    | 1.7   | 1.7    | .6      | .1      |         |         |         |         |         |      |   |                       |
| E                       | 1.7   | 1.7   | 1.7    | .7      |         |         |         |         |         |         |      |   |                       |
| ESE                     | .7    | .7    | .1     |         |         |         |         |         |         |         |      |   |                       |
| SE                      | .7    | .7    | .1     |         |         |         |         |         |         |         |      |   |                       |
| SSE                     | 1.1   |       | .1     |         |         |         |         |         |         |         |      |   |                       |
| S                       | 1.1   | 1.7   | .1     |         |         |         |         |         |         |         |      |   |                       |
| SSW                     | 1.1   | 1.7   | .7     | .7      |         |         |         |         |         |         |      |   |                       |
| SW                      | .7    | .7    | .7     | 1.8     | .7      |         |         |         |         |         |      |   |                       |
| WSW                     | .7    | 1.2   | 2.7    | .7      | 1.7     |         |         |         |         |         |      |   |                       |
| W                       | .7    | 1.2   | 2.7    | .7      | 1.4     | .7      | .7      |         |         |         |      |   |                       |
| WNW                     | .7    | .7    | 1.7    | 1.2     | 1.5     | .5      |         |         |         |         |      |   |                       |
| NW                      | .7    | .7    | .7     | .4      | .2      | .1      |         |         |         |         |      |   |                       |
| NNW                     | .7    | .7    | .1     |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         | 1.4   | 1.4   | 1.1    | 1.4     | 4.2     | 1.7     | .7      |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 170

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION                      STATION NAME                      YEARS 72-74 MONTH                     

CLASS ALL WEATHER

CONDITION                     

HOURS (L.S.T.)                     

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 2.8   | 1.7   |        | .7      |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| NNE                     |       | 1.7   |        | .3      |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| NE                      |       | .4    |        | .7      |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| ENE                     |       | .7    | .1     |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| E                       | 1.0   | .4    | .3     |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| ESE                     |       | .7    |        |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| SE                      |       | .3    |        |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| SSE                     |       | .4    |        |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| S                       |       | .4    |        | .1      |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| SSW                     | 1.0   | 1.0   | .7     | .3      |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| SW                      |       | .7    | 2.3    | .6      |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| WSW                     | 1.0   | 1.0   | .3     | 1.4     | .3      |         |         |         |         |         |      | 1.0 | 4.0                   |
| W                       |       | 2.2   | 2.0    | 2.1     | .2      | .1      |         |         |         |         |      | 1.0 | 4.0                   |
| WNW                     |       | 2.2   | 1.1    | 1.0     | .3      | .1      |         |         |         |         |      | 1.0 | 4.0                   |
| NW                      |       | 2.0   | .7     | .7      |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| NNW                     | 1.0   | .6    | .7     |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.0 | 4.0                   |
|                         | 24.0  | 2.7   | 12.0   | 7.0     | .9      | .2      |         |         |         |         |      | 1.0 | 4.0                   |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-4 STATION NAME ALL WEATHER YEARS 1954 MONTH 1-12  
CLASS ALL WEATHER HOURS (LST) 0000-2300  
CONDITION ALL WEATHER

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.7   | 2.0   | 1.7    |         |         |         |         |         |         |         |      | 1.7 | 4.7                   |
| NNE                     | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| NE                      | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| ENE                     | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| E                       | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| ESE                     | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| SE                      | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| SSE                     | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| S                       | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| SSW                     | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| SW                      | 1.7   | 1.7   | 1.7    | 1.7     |         |         |         |         |         |         |      | 1.7 | 6.0                   |
| WSW                     | 1.7   | 1.7   | 1.7    | 1.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |
| W                       | 1.7   | 1.7   | 1.7    | 1.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |
| WNW                     | 1.7   | 1.7   | 1.7    | 1.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |
| NW                      | 1.7   | 1.7   | 1.7    | 1.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |
| NNW                     | 1.7   | 1.7   | 1.7    | 1.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |
| VARBL                   | 1.7   | 1.7   | 1.7    | 1.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |
| CALM                    | 1.7   | 1.7   | 1.7    | 1.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |
|                         | 27.3  | 24.0  | 16.3   | 3.7     | 1.7     |         |         |         |         |         |      | 1.7 | 6.0                   |

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR FORCE CLIMATE DIVISION  
 11-11-64  
 11-11-64

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11-11-64 STATION NAME 11-11-64 YEARS 11-11-64 MONTH 11-11-64  
 CLASS ALL WEATHER  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NNE                     | 1.0   | 1.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NE                      | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| ENE                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| E                       | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| ESE                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SE                      | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SSE                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| S                       | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SSW                     | 1.0   | 1.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SW                      | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| WSW                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| W                       | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| WNW                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NW                      | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NNW                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| VARBL                   | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| CALM                    | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
|                         | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |

TOTAL NUMBER OF OBSERVATIONS 11-11-64

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2000 STATION NAME SAFETY AFB, CA YEARS 75-76 MONTH 7

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 11

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %  | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|----|-----------------------|
| N                       | .2    | .1    | .1     | .2      |         |         |         |         |         |         |      | .7 | 2.7                   |
| NNE                     | .7    | 1.4   | .7     |         |         |         |         |         |         |         |      | .7 | 2.4                   |
| NE                      | 1.4   | 1.4   | .7     | .7      |         |         |         |         |         |         |      | .7 | 2.7                   |
| ENE                     | 1.4   | .7    | .7     | .7      | .1      |         |         |         |         |         |      | .7 | 2.7                   |
| E                       | 1.7   | .7    |        |         | .1      |         |         |         |         |         |      | .7 | 2.7                   |
| ESE                     | .7    | .7    | .7     |         |         |         |         |         |         |         |      | .7 | 2.7                   |
| SE                      | .7    | .7    | .7     | .1      |         |         |         |         |         |         |      | .7 | 4.7                   |
| SSE                     | .7    | .7    | .7     | .7      |         |         |         |         |         |         |      | .7 | 4.7                   |
| S                       | .7    | .7    | .7     | .7      |         |         |         |         |         |         |      | .7 | 2.4                   |
| SSW                     | 1.7   | .7    | .7     | .7      |         |         |         |         |         |         |      | .7 | 2.7                   |
| SW                      | .7    | .7    | .7     | .7      | .7      | .7      |         |         |         |         |      | .7 | 1.7                   |
| WSW                     | .7    | 1.7   | 1.7    | .7      | 1.7     | .7      | .7      |         |         |         |      | .7 | 1.7                   |
| W                       | .7    | .7    | 1.7    | .7      | 1.7     | .7      | .7      |         |         |         |      | .7 | 1.7                   |
| WNW                     | .7    | .7    | .7     | .7      | .7      | .7      | .7      | .7      |         |         |      | .7 | 1.7                   |
| NW                      | .7    | .7    | .7     | .7      | .7      | .7      | .7      | .7      |         |         |      | .7 | 6.7                   |
| NNW                     | .7    | .7    | .7     | .7      | .7      | .7      | .7      | .7      |         |         |      | .7 | 4.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |    |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | .7 |                       |
|                         | 1.7   | 14.6  | 2.7    | 11.2    | 4.7     | 1.4     | .7      |         |         |         |      | .7 | 4.7                   |

TOTAL NUMBER OF OBSERVATIONS 147

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-84 STATION NAME ALL WEATHER YEARS 75-84 MONTH 1-12  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 42

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-04 STATION NAME ALL STATION YEARS 1957-1958 MONTH 1-12  
CLASS ALL STATION HOURS [L.S.T.] 0000-2359  
CONDITION ALL STATION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       |       | 1.4   |        | .1      | .1      |         |         |         |         |         |      | 1.4 | 4.4                   |
| NNE                     |       | 1.2   |        | .4      |         |         |         |         |         |         |      | 1.2 | 4.4                   |
| NE                      | 1.4   | 2.2   | 1.4    | .6      | .5      | .1      |         |         |         |         |      | 1.4 | 4.4                   |
| ENE                     | 1.4   |       | 1.4    | .6      | .2      |         |         |         |         |         |      | 1.4 | 4.4                   |
| E                       | 2.2   | .4    | 1.4    | .7      |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| ESE                     |       | .4    | .4     |         |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| SE                      |       |       |        |         |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| S                       | 1.4   |       | .4     | .1      |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| SSW                     | 1.4   | .4    | .4     | .9      | .2      |         |         |         |         |         |      | 1.4 | 4.4                   |
| SW                      | 1.4   | 1.4   | 2.4    | 2.4     | 1.4     | .7      |         |         |         |         |      | 1.4 | 4.4                   |
| WSW                     |       | 1.4   | 2.4    | 4.4     | 1.4     | .9      |         |         |         |         |      | 1.4 | 4.4                   |
| W                       |       | 1.4   | 2.4    | 2.4     | 1.4     | .1      | .2      |         |         |         |      | 1.4 | 4.4                   |
| WNW                     |       | .4    | 2.4    | 2.4     | 1.4     | 1.4     |         |         |         |         |      | 1.4 | 4.4                   |
| NW                      |       | .2    | .4     | 1.4     | .2      | .1      |         |         |         |         |      | 1.4 | 4.4                   |
| NNW                     |       | .1    | .1     |         | .1      |         |         |         |         |         |      | 1.4 | 4.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.4 | 4.4                   |
|                         | 1.4   | 1.4   | 1.4    | 1.4     | 1.4     | 1.4     | 1.4     | 1.4     | 1.4     | 1.4     | 1.4  | 1.4 | 1.4                   |

TOTAL NUMBER OF OBSERVATIONS 542

ALCANTARA, A. R. A. C.  
STAG  
1975-1976

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION ALCANTARA, A. R. A. C. STATION NAME ALCANTARA YEARS 1975-1976 MONTH 1-12  
CLASS ALL CLASSES HOURS (L.S.T.) 0000-2300

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.1   | 1.1   | .0     | .0      | .1      |         |         |         |         |         |      | .1  | 4.1                   |
| NNE                     | 1.1   | .0    | .0     | .4      | .1      |         |         |         |         |         |      | .1  | 4.1                   |
| NE                      | 1.1   | .0    | .0     | .7      |         |         |         |         |         |         |      | .1  | 4.1                   |
| ENE                     | 1.1   | .0    | .0     | .0      |         |         |         |         |         |         |      | .1  | 4.1                   |
| E                       | 1.1   | .7    | .0     |         |         |         |         |         |         |         |      | .1  | 4.1                   |
| ESE                     | .0    | .1    | .1     |         |         |         |         |         |         |         |      | .1  | 4.1                   |
| SE                      | .0    | .1    |        |         |         |         |         |         |         |         |      | .1  | 4.1                   |
| SSE                     | .0    | .0    |        |         |         |         |         |         |         |         |      | .1  | 4.1                   |
| S                       | .0    | .4    | .7     | .1      |         |         |         |         |         |         |      | .1  | 4.1                   |
| SSW                     | 1.1   | .0    | .7     | .5      |         |         |         |         |         |         |      | .1  | 4.1                   |
| SW                      | 1.1   | .4    | .2     | .2      | .4      | .1      |         |         |         |         |      | .1  | 4.1                   |
| WSW                     | .0    | .7    | .7     | .5      | .3      |         |         |         |         |         |      | .1  | 4.1                   |
| W                       | .0    | .1    | .3     | .2      | .8      |         |         |         |         |         |      | .1  | 4.1                   |
| WNW                     | .1    | .4    | .7     | .7      | .5      | .4      | .0      |         |         |         |      | .1  | 4.1                   |
| NW                      | .0    | .5    | .1     | .5      |         |         | .0      |         |         |         |      | .1  | 4.1                   |
| NNW                     | 1.1   | .7    | .4     |         | .1      |         |         |         |         |         |      | .1  | 4.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.1 |                       |
|                         | 21.1  | 21.4  | 21.2   | 14.5    | 2.0     | .5      | .5      |         |         |         |      | 1.1 |                       |

TOTAL NUMBER OF OBSERVATIONS 240



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

75-84

YEARS

MONTH

ALL WEATHER  
CLASS

HOURS (L.S.T.)

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   |        |         | 1.0     |         |         |         |         |         |      | 1.0 | 1.0                   |
| NNE                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| NE                      |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| ENE                     |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| E                       |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| ESE                     |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SE                      |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SSE                     |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| S                       |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SSW                     |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SW                      | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| WSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 1.0                   |
| W                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 1.0 | 1.0                   |
| WNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 1.0 | 1.0                   |
| NW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 1.0 | 1.0                   |
| NNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 1.0 | 1.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 2.0   | 4.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 1.0 | 1.0                   |

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0015 AF 08 STATION NAME 72-54 YEARS 1954 MONTH 10

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 0-10

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 2.0   | 1.1   | 2.0    |         |         |         |         |         |         |         |      | 2.0 | 1.4                   |
| NNE                     | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 4.0                   |
| NE                      | 2.0   | 1.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| ENE                     | 2.0   | 1.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| E                       | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| ESE                     | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| SE                      | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| SSE                     | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| S                       | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| SSW                     | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| SW                      | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| WSW                     | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| W                       | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| WNW                     | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| NW                      | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| NNW                     | 2.0   | 2.0   | 2.0    | 2.0     | 2.0     |         |         |         |         |         |      | 2.0 | 2.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 7.0                   |

TOTAL NUMBER OF OBSERVATIONS 10

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 05-10-2001 BY 60322 UCBAW

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-4 STATION NAME ALLIANCE YEARS 1961-1962 MONTH 1-12  
CLASS 1  
CONDITION 1  
HOURS (LST) 1

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| NNE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| NE                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| ENE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| E                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| ESE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| SE                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| SSE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| S                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| SSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| SW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| WSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| W                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| WNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| NW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| NNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| VARBL                   | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |
| CALM                    | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |

TOTAL NUMBER OF OBSERVATIONS 100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-3750 STATION NAME 10-3750 YEARS 1957 MONTH 12  
CLASS 10-3750 HOURS [LST] 17  
CONDITION 10-3750

| SPEED<br>KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                 |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 10-3750

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS (LST) \_\_\_\_\_  
 CONDITION \_\_\_\_\_

| SPEED<br>KNTS/<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

|         |              |       |                |
|---------|--------------|-------|----------------|
| STATION | STATION NAME | YEARS | MONTH          |
|         | CLASS        |       | HOURS (L.S.T.) |
|         | CONDITION    |       |                |

| SPEED (KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------|
| N                    |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| NNE                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| NE                   |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| ENE                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| E                    |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| ESE                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| SE                   |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| SSE                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| S                    |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| SSW                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| SW                   |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| WSW                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| W                    |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| WNW                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| NW                   |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| NNW                  |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| VARBL                |       |       |        |         |         |         |         |         |         |         |      |   |                 |
| CALM                 |       |       |        |         |         |         |         |         |         |         |      |   |                 |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_  
CONDITION \_\_\_\_\_  
HOURS (LST) \_\_\_\_\_

| SPEED<br>KNTS<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|----------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                    |       | 1     |        | 1       |         |         |         |         |         |         |      |   |                       |
| NNE                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                 |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 5206 STATION NAME ALL VALLEY YEARS 1954 MONTH 12

CLASS ALL

CONDITION

HOURS (LST) 24

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                      |       | 1.0   |        |         |         |         |         |         |         |         |      | 1.0  | 1.0                   |
| NNE                    |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 3.0  | 1.0                   |
| NE                     |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 3.0  | 1.0                   |
| ENE                    |       | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 4.0  | 1.0                   |
| E                      |       | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 4.0  | 1.0                   |
| ESE                    |       | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 4.0  | 1.0                   |
| SE                     |       | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 4.0  | 1.0                   |
| SSE                    |       | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 4.0  | 1.0                   |
| S                      |       | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 4.0  | 1.0                   |
| SSW                    |       | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 5.0  | 1.0                   |
| SW                     |       | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     |         |         |         |      | 6.0  | 1.0                   |
| WSW                    |       | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |         |         |      | 7.0  | 1.0                   |
| W                      |       | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |         |         |      | 7.0  | 1.0                   |
| WNW                    |       | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |         |      | 8.0  | 1.0                   |
| NW                     |       | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |      | 9.0  | 1.0                   |
| NNW                    |       | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 10.0 | 1.0                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |

TOTAL NUMBER OF OBSERVATIONS 100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-4 STATION NAME ALL ATTES YEARS 1961 MONTH 1

CLASS ALL

CONDITION

HOURS (L S T) 1

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| NNE                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| NE                      | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| ENE                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| E                       | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| ESE                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SE                      | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SSE                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| S                       | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SSW                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| SW                      | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| WSW                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| W                       | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| WNW                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| NW                      | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| NNW                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 1.0 | 1.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 1.0                   |

TOTAL NUMBER OF OBSERVATIONS 1

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 54500 STATION NAME ALL 41428 YEARS 75-76 MONTH 7  
CLASS ALL 41428 HOURS (LST) 7  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.4   | 1.4   | 1.1    | 1.1     |         |         |         |         |         |         |      | 1.4 | 1.4                   |
| NNE                     | 1.4   | 1.4   | 1.1    | 1.1     |         |         |         |         |         |         |      | 1.4 | 1.4                   |
| NE                      | 1.4   | 1.4   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| ENE                     | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| E                       | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| ESE                     | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| SE                      | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| SSE                     | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| S                       | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| SSW                     | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| SW                      | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| WSW                     | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| W                       | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| WNW                     | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| NW                      | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| NNW                     | 1.4   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.4 | 1.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 1.4   | 1.4   | 1.4    | 1.4     | 1.4     | 1.4     | 1.4     | 1.4     | 1.4     | 1.4     | 1.4  | 1.4 | 1.4                   |

TOTAL NUMBER OF OBSERVATIONS 7

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 5-100 STATION NAME 75-24 YEARS 1954 MONTH 7

CLASS ALL WEATHER HOURS (L.S.T.) 100

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     | 1     |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       | 1     |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     | 1     |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         | 1     | 1     | 2      | 5       | 1       | 2       | 1       |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LA S ANA CA STATION NAME LA S ANA CA YEARS 75-76 MONTH 7

CLASS ALL WEATHER

CONDITION

HOURS (LST)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       | 1.7   | 1.7    | .3      |         |         |         |         |         |         |      |   |                       |
| SSW                     |       | 7.5   | 5.7    |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       | 5.7    | 2.3     | .7      |         |         |         |         |         |      |   |                       |
| WSW                     |       | 4.2   | 5.7    | 4.2     | .7      |         |         |         |         |         |      |   |                       |
| W                       | 1.7   | 2.7   | 2.7    | 1.7     | .3      |         |         |         |         |         |      |   |                       |
| WNW                     | 1.7   | 1.7   |        | .7      | .7      | .7      |         |         |         |         |      |   |                       |
| NW                      | .7    |       | .7     | .7      |         |         |         |         |         |         |      |   |                       |
| NNW                     | .7    |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         | 1.7   | 7.5   | 23.5   | 2.8     | 2.3     | .7      |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-04 STATION NAME ALL WEATHER YEARS 1954 MONTH 1  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300  
CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 100

ALBUQUERQUE, N.M.  
 1975-76  
 10-10-76

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION AFB STATION NAME 75-10 YEARS 1975-76 MONTH 10  
 CLASS ALL WEATHER  
 CONDITION   
 HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       |       | .1    | .1     | .2      |         |         |         |         |         |         |      | .1    | 1.0                   |
| NNE                     |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .1    | 1.0                   |
| NE                      |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .1    | 1.0                   |
| ENE                     |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .1    | 1.0                   |
| E                       |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .1    | 1.0                   |
| ESE                     |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .1    | 1.0                   |
| SE                      |       |       |        |         | .1      |         |         |         |         |         |      | .1    | 1.7                   |
| SSE                     |       | .1    | .1     |         | .1      |         |         |         |         |         |      | .1    | 4.7                   |
| S                       |       |       | .1     |         | .1      |         |         |         |         |         |      | .1    | 7.7                   |
| SSW                     |       | .1    | .1     | .4      |         |         |         |         |         |         |      | .1    | 7.7                   |
| SW                      |       | .1    | .1     | .1      | .4      |         |         |         |         |         |      | .1    | 11.5                  |
| WSW                     |       | .1    | .1     | .1      | .1      | .1      | .1      |         |         |         |      | .1    | 11.5                  |
| W                       | .1    | .1    | .1     | .1      | .1      | .1      | .1      |         |         |         |      | .1    | 11.5                  |
| WNW                     |       | .1    | .1     | .1      | .1      | .1      | .1      | .4      |         |         |      | .1    | 11.5                  |
| NW                      |       | .1    | .1     | .1      | .1      | .1      | .1      |         |         |         |      | .1    | 11.5                  |
| NNW                     |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .1    | 4.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |       |                       |
|                         | 4.1   | 10.0  | 31.1   | 17.4    | 7.8     | 2.0     | .4      |         |         |         |      | 100.0 |                       |

TOTAL NUMBER OF OBSERVATIONS 474

CLIMATE DATA

STATION NAME

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-5-48-01 STATION NAME 10-5-48-01 YEARS 1977 MONTH 1977  
CLASS 10-5-48-01  
CONDITION 10-5-48-01  
HOURS (L.S.T.) 10-5-48-01

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 10-5-48-01



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 70-01 STATION NAME ALL LAT-4E2 YEARS 1962 MONTH 1-12  
CLASS ALL HOURS (LST) 00-23  
CONDITION ALL

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| NNE                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| NE                      | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| ENE                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| E                       | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| ESE                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| SE                      | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| SSE                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| S                       | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| SSW                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| SW                      | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| WSW                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| W                       | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| WNW                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| NW                      | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| NNW                     | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| VARBL                   | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
| CALM                    | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |
|                         | 1.2   | 1.2   | 1.2    | 1.2     |         |         |         |         |         |         |      | 1.2 | 1.2                   |

TOTAL NUMBER OF OBSERVATIONS 60

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
OFFICE OF NAUTICAL INFORMATION

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75-14 STATION NAME ALL SEATON YEARS 1954 MONTH 11  
CLASS ALL SEATON HOURS (L.S.T.) 11-11  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       |       | 1.7   | .3     | .2      |         |         |         |         |         |         |      |     |                       |
| NNE                     | .7    | 1.6   | .7     | .4      |         |         |         |         |         |         |      | 4.1 | 4.3                   |
| NE                      | 1.1   | 1.2   | .7     | .2      |         | .1      |         |         |         |         |      | .1  | .7                    |
| ENE                     | .1    | 1.2   | .2     | .6      | .1      | .1      |         |         |         |         |      | .4  | 7.3                   |
| E                       |       | .7    | .1     |         |         |         |         |         |         |         |      | 1.1 | .7                    |
| ESE                     |       | .1    | .3     |         |         |         |         |         |         |         |      | 1.1 | 4.1                   |
| SE                      |       | .2    | .1     |         | .1      |         |         |         |         |         |      | .1  | 4.1                   |
| SSE                     | .1    | .1    | .3     |         |         |         |         |         |         |         |      | .1  | .3                    |
| S                       | .1    | .1    | .2     |         |         |         |         |         |         |         |      | .1  | 4.1                   |
| SSW                     |       | 1.1   | 1.7    | .3      |         |         |         |         |         |         |      | .1  | 6.7                   |
| SW                      |       | 2.1   | 4.4    | .9      | 1.2     |         |         |         |         |         |      | 1.1 | 1.1                   |
| WSW                     |       | 1.1   | 4.1    | 5.4     | 2.1     | 1.2     |         |         |         |         |      | 1.1 | 1.1                   |
| W                       | .1    | 1.1   | 3.1    | .7      | .7      | .6      |         |         |         |         |      | 1.1 | 1.1                   |
| WNW                     |       | .1    | 1.2    | 1.2     | .2      | .7      |         |         |         |         |      | .1  | 1.1                   |
| NW                      |       |       | .1     | 1.2     | .2      |         |         |         |         |         |      | .1  | 1.1                   |
| NNW                     |       | .7    | .7     |         |         |         |         |         |         |         |      | .1  | .1                    |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.1 |                       |
|                         | 11.7  | 15.2  | 17.1   | 23.6    | 7.7     | 2.7     |         |         |         |         |      | 1.1 | 1.7                   |

TOTAL NUMBER OF OBSERVATIONS 114

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-54 STATION NAME 75-54 YEARS 75-54 MONTH 75-54

CLASS ALL HOURS (L.S.T.) 75-54

CONDITION 75-54

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 75-54

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-14 STATION NAME ALL WEATHER YEARS 1954-1955 MONTH 1-12  
CLASS ALL WEATHER  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   | 4.0                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   | 4.7                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |
|                         |       |       |        |         |         |         |         |         |         |         |      |   | 5.0                   |

TOTAL NUMBER OF OBSERVATIONS 14

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-54 STATION NAME ALL-STATE YEARS 1954 MONTH 1-12  
CLASS ALL-STATE HOURS (LST) 1-24  
CONDITION ALL-STATE

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 015 21 06 STATION NAME 15-04 YEARS 1-10 MONTH 1-10  
CLASS ALL WEATHER HOURS (L.S.T.) 1-10

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.1   | 1.1   |        |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| NNE                     | 1.1   | 1.1   | 1.1    |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| NE                      | 1.1   | 1.1   | 1.1    |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| ENE                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| E                       | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| ESE                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| SE                      | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| SSE                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| S                       | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| SSW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| SW                      | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| WSW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     |         |         |         |      | 1.1 | 1.1                   |
| W                       | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     |         |         |         |      | 1.1 | 1.1                   |
| WNW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     |         |         |         |      | 1.1 | 1.1                   |
| NW                      | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     |         |         |         |      | 1.1 | 1.1                   |
| NNW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     |         |         |         |      | 1.1 | 1.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
|                         | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1  | 1.1 | 1.1                   |

TOTAL NUMBER OF OBSERVATIONS 10

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100-0000 STATION NAME 100-0000 YEARS 1950-1951 MONTH 1-12  
 CLASS ALL WEATHER  
 CONDITION   
 HOURS (LST)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NF                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 2

ALC 0-1000000-1  
 1000000-1  
 1000000-1

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1000000-1 STATION NAME 72-4 YEARS 10 MONTH 10  
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-1100  
 CONDITION

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                      |       |       |        |         |         |         |         |         |         |         |      | 1.1  | 4.0                   |
| NNE                    |       |       |        | .1      |         |         |         |         |         |         |      | .7   | 4.7                   |
| NE                     |       |       | .7     | .1      |         |         |         |         |         |         |      | .8   | 4.8                   |
| ENE                    |       | .1    | .6     | .2      |         |         |         |         |         |         |      | .9   | 4.9                   |
| E                      |       | .1    | .1     | .1      |         |         |         |         |         |         |      | 1.6  | 5.6                   |
| ESE                    |       |       |        | .1      |         |         |         |         |         |         |      | .8   | 6.8                   |
| SE                     |       |       |        |         | .1      |         |         |         |         |         |      | .8   | 7.8                   |
| SSE                    |       |       |        | .1      |         |         |         |         |         |         |      | .8   | 7.8                   |
| S                      |       |       | .1     |         |         |         |         |         |         |         |      | .8   | 7.8                   |
| SSW                    |       | .7    | .6     | .2      |         | .2      |         |         |         |         |      | 1.5  | 8.5                   |
| SW                     |       | .6    | 4.7    | 1.5     | .1      | 1.2     |         |         |         |         |      | 4.4  | 14.4                  |
| WSW                    | .1    | .2    | 7.7    | 14.1    | 11.2    | .9      | .1      |         |         |         |      | 28.2 | 18.2                  |
| W                      |       | 1.2   | 4.1    | .7      | 7.4     | .3      |         |         |         |         |      | 13.7 | 13.7                  |
| WNW                    |       | .7    | .2     | 5.7     | 7.1     | .3      |         |         |         |         |      | 14.2 | 14.2                  |
| NW                     |       | .2    | .6     | 1.2     | .6      | .4      |         |         |         |         |      | 1.8  | 1.8                   |
| NNW                    |       |       | .1     | .1      |         |         |         |         |         |         |      | .8   | .8                    |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
|                        | 1.4   | 5.7   | 1.2    | 4.4     | 2.3     | 3.2     | .1      |         |         |         |      | 1.8  | 1.8                   |

TOTAL NUMBER OF OBSERVATIONS



U.S. AIR FORCE  
 OFFICE OF  
 AIR FORCE SURVEILLANCE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION AFS AFW CA STATION NAME 74-14 YEARS 1974 MONTH 12  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 0000-2359  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                       |       | .1    |        |         |         |         |         |         |         |         |      |      | .2                    |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| NE                      |       | .2    | .2     |         |         |         |         |         |         |         |      | .7   | 3.8                   |
| ENE                     | .1    | .7    | .2     |         |         |         |         |         |         |         |      | .2   | 4.8                   |
| E                       | .1    | .1    | .1     |         |         |         |         |         |         |         |      | .4   | 4.8                   |
| ESE                     | .1    |       |        |         |         |         |         |         |         |         |      | .4   | 6.8                   |
| SE                      | .1    |       |        |         |         |         |         |         |         |         |      | .4   | 6.8                   |
| SSE                     | .1    |       |        |         |         |         |         |         |         |         |      | .4   | 6.8                   |
| S                       | .1    |       |        |         | .1      |         |         |         |         |         |      | .4   | 1.8                   |
| SSW                     |       |       | .1     | .4      |         |         |         |         |         |         |      | .4   | 1.8                   |
| SW                      | .1    | 1.2   | 7.7    | 12.2    | 2.2     | .1      |         |         |         |         |      | 21.4 | 11.8                  |
| WSW                     | .1    | 1.2   | 7.7    | 12.2    | 5.2     | .2      |         |         |         |         |      | 21.4 | 11.8                  |
| W                       | .1    | 1.2   | 7.7    | 1.7     | 1.6     |         |         |         |         |         |      | 21.4 | 11.7                  |
| WNW                     | .1    | .4    | 7.7    | 5.1     | 1.3     | .2      |         |         |         |         |      | 11.7 | 13.8                  |
| NW                      |       | .1    | .4     | 1.5     | 1.3     |         |         |         |         |         |      | .4   | 14.7                  |
| NNW                     |       |       | .1     |         |         |         |         |         |         |         |      | .4   | 7.8                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.8  |                       |
|                         | .1    | 4.2   | 7.2    | 51.2    | 11.7    | .5      |         |         |         |         |      | 11.8 | 10.1                  |

TOTAL NUMBER OF OBSERVATIONS 12

CLIMATE DATA  
 STATION  
 NAME

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAOS 450 CA STATION NAME 75-84 YEARS 1975  
 CLASS ALL WEATHER MONTH 1-12  
 CONDITION  HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 120

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-14 STATION NAME ALL WEATHER YEARS 1954-1955 MONTH JUL  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359  
CONDITION ALL WEATHER

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       | .1    |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       | .1     |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       | .2     |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       | .7    |        |         |         |         |         |         |         |         |      |   |                       |
| S                       | 1.8   | 2.5   | 1.8    |         |         |         |         |         |         |         |      |   |                       |
| SSW                     | .7    | 1.5   | 4.5    | .4      |         |         |         |         |         |         |      |   |                       |
| SW                      |       | 1.5   | 12.5   | 2.3     |         |         |         |         |         |         |      |   |                       |
| WSW                     | .8    | 4.2   | 6.3    | 3.5     | .3      |         |         |         |         |         |      |   |                       |
| W                       | 1.8   | 1.8   | 1.2    | 1.1     | .1      |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       | .2    |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       | .1    |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         | 17.8  | 2.4   | 26.1   | 7.8     | .4      |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 1000

U.S. AIR FORCE  
CLIMATE DATA  
STATION

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION AN-5 AFB CA STATION NAME 75-84 YEARS 1975 MONTH 11  
CLASS ALL WEATHER HOURS (LST) 24  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.1   |       |        |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| NNE                     | 1.2   | 1.1   | 1.1    |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| NE                      | 1.1   | 1.1   | 1.1    |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| ENE                     | 1.1   | 1.1   | 1.1    |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| E                       | 1.1   | 1.1   | 1.1    |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| ESE                     | 1.1   | 1.1   | 1.1    | 1.1     |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| SE                      | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| SSE                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| S                       | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| SSW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |
| SW                      | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     |         |         |         |         |      | 1.1 | 1.1                   |
| WSW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     |         |         |         |      | 1.1 | 1.1                   |
| W                       | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     |         |         |      | 1.1 | 1.1                   |
| WNW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     |         |      | 1.1 | 1.1                   |
| NW                      | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     |      | 1.1 | 1.1                   |
| NNW                     | 1.1   | 1.1   | 1.1    | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1  | 1.1 | 1.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 22.1  | 2.1   | 3.1    | 1.3     | 1.1     |         |         |         |         |         |      | 1.1 | 1.1                   |

TOTAL NUMBER OF OBSERVATIONS 11

U.S. CLIMATE DATA  
 STATION  
 F T 2 S E I C A

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2025 370 54 STATION NAME 7-4 YEARS 1 MONTH 1

ALL CLASS 1

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 1

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKE SUPERIOR STATION NAME LAKE SUPERIOR YEARS 75-76 MONTH 1-12  
 CLASS ALL WEATHER  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 5-12-66 STATION NAME 7-4 YEARS 1 MONTH 1

CLASS ALL STATION HOURS (L.S.T.) -

CONDITION -

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %  | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|----|-----------------------|
| N                       |       | .1    |        | .1      | .1      |         |         |         |         |         |      | .1 | 1.7                   |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |    |                       |
| NE                      |       | .1    | .1     | .1      |         |         |         |         |         |         |      | .1 | 1.1                   |
| ENE                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .1 | 1.1                   |
| E                       |       | .1    | .1     |         | .1      |         |         |         |         |         |      | .1 | 1.1                   |
| ESE                     |       | .1    |        |         |         |         |         |         |         |         |      | .1 | 1.1                   |
| SE                      |       | .1    |        |         |         |         |         |         |         |         |      | .1 | 1.1                   |
| SSE                     |       | .1    |        | .1      |         |         |         |         |         |         |      | .1 | 1.1                   |
| S                       |       | .1    | .1     |         |         |         |         |         |         |         |      | .1 | 1.1                   |
| SSW                     |       |       | .1     | .4      | .2      |         |         |         |         |         |      | .1 | 1.1                   |
| SW                      |       | 1.6   | 3.6    | 11.9    | 1.5     |         |         |         |         |         |      | .1 | 1.1                   |
| WSW                     |       | .1    | 2.1    | 24.7    | 5.1     |         |         |         |         |         |      | .1 | 1.1                   |
| W                       |       | 1.1   | 6.2    | 6.9     | 2.1     | .1      |         |         |         |         |      | .1 | 1.1                   |
| WNW                     |       | .1    | 1.7    | 6.9     | .4      |         |         |         |         |         |      | .1 | 1.1                   |
| NW                      |       | .1    | .3     | .2      |         |         |         |         |         |         |      | .1 | 1.1                   |
| NNW                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .1 | 1.1                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |    |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |    |                       |
|                         |       |       | 2.1    | 3.3     | 2.5     | .1      |         |         |         |         |      | .1 | 1.1                   |

TOTAL NUMBER OF OBSERVATIONS 1

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-24 STATION NAME ALL SEATTLE YEARS 1964 MONTH 1

CLASS ALL SEATTLE HOURS [L S T] 1

CONDITION ALL SEATTLE

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 1



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 5-17-13 STATION NAME 75-13 YEARS 1951-1952 MONTH 1

ALL AIRCRAFT CLASS 1 HOURS (L.S.T.) 1

CONDITION 1

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 1

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

CLASS \_\_\_\_\_

CONDITION \_\_\_\_\_

HOURS (LST) \_\_\_\_\_

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                      | 1.0   | 1.0   | 1.0    |         |         |         |         |         |         |         |      |   |                       |
| NNE                    | 1.0   | 1.0   | 1.0    |         |         |         |         |         |         |         |      |   |                       |
| NE                     | 1.0   | 1.0   | 1.0    |         |         |         |         |         |         |         |      |   |                       |
| ENE                    | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      |   |                       |
| E                      | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      |   |                       |
| ESE                    | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      |   |                       |
| SE                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      |   |                       |
| SSE                    | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      |   |                       |
| S                      | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      |   |                       |
| SSW                    | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      |   |                       |
| SW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      |   |                       |
| WSW                    | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     |         |         |         |      |   |                       |
| W                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |         |         |      |   |                       |
| WNW                    | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |         |      |   |                       |
| NW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |      |   |                       |
| NNW                    | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  |   |                       |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74- STATION NAME 74- YEARS 74- MONTH 74-

CLASS 74-

CONDITION 74-

HOURS (L.S.T.) 74-

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 4.0                   |
| NNE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 4.0                   |
| NE                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 7.0                   |
| ENE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 7.0                   |
| E                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 4.0                   |
| ESE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 4.0                   |
| SE                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 4.0                   |
| SSE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 1.0 | 4.0                   |
| S                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 1.0 | 4.0                   |
| SSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 1.0 | 4.0                   |
| SW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     |         |         |         |      | 1.0 | 11.0                  |
| WSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |         |         |      | 1.0 | 11.0                  |
| W                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |         |      | 1.0 | 11.0                  |
| WNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     |      | 1.0 | 11.0                  |
| NW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 11.0                  |
| NNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 11.0                  |
| VARBL                   | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 11.0                  |
| CALM                    | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 11.0                  |
|                         | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0     | 1.0  | 1.0 | 11.0                  |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1005 STATION NAME 74- YEARS 1-24 MONTH 1-24

CLASS All weather

CONDITION

HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | .     | 1.4   | .      | .       | .       | .       | .       | .       | .       | .       | .    | .   | .                     |
| NNE                     | .     | 1.4   | 2.7    | 2.2     | 1.1     | 1.1     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| NE                      | 1.1   | 2.4   | 2.7    | 2.2     | 2.2     | 1.1     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| ENE                     | 1.1   | 1.7   | 2.7    | 1.7     | 1.3     | 1.1     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| E                       | 1.1   | 1.7   | 1.7    | 1.4     | .       | .       | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| ESE                     | .     | 1.7   | 1.3    | .       | .       | .       | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| SE                      | .     | 1.7   | .      | 1.1     | .       | .       | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| SSE                     | .     | 1.7   | .      | 1.1     | 1.1     | 1.1     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| S                       | .     | 1.7   | .      | 1.1     | 1.1     | 1.1     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| SSW                     | .     | 1.7   | 1.1    | 1.7     | .       | .       | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| SW                      | .     | 1.7   | 2.7    | 1.3     | 1.6     | 1.4     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| WSW                     | .     | 1.1   | 3.1    | 2.1     | 1.2     | 1.1     | 1.1     | .       | .       | .       | .    | 1.1 | 7.1                   |
| W                       | .     | 1.1   | 1.1    | 2.7     | 1.4     | 1.1     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| WNW                     | .     | .     | 1.4    | 1.2     | 1.5     | 1.3     | 1.1     | .       | .       | .       | .    | 1.1 | 7.1                   |
| NW                      | .     | .     | 1.1    | 1.1     | 1.2     | 1.2     | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| NNW                     | .     | 1.1   | 1.1    | .       | .       | .       | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| VARBL                   | .     | .     | .      | .       | .       | .       | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
| CALM                    | .     | .     | .      | .       | .       | .       | .       | .       | .       | .       | .    | 1.1 | 7.1                   |
|                         | 1.1   | 2.4   | 17.2   | 13.7    | 4.7     | 1.6     | 1.1     | 1.1     | 1.1     | 1.1     | 1.1  | 1.1 | 7.1                   |

TOTAL NUMBER OF OBSERVATIONS 100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION                      STATION NAME                      YEARS                      MONTH                     

CLASS ALL WEATHER

CONDITION                     

HOURS (L.S.T.)                     

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         |              |      |       |                |
|---------|--------------|------|-------|----------------|
| STATION | STATION NAME | 74-8 | YEARS | MONTH          |
|         | CLASS        |      |       | HOURS (L.S.T.) |
|         | CONDITION    |      |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     | 1.0   | 1.0   |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       | 1.0   | 1.0   |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 47

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION AF-6 STATION NAME 7-11 YEARS 1961 MONTH 12

CLASS ALL HOURS (LST) 12-18

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.1   |       |        |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| NNE                     |       |       | 1.1    |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| SSW                     |       |       | 1.1    | .4      |         |         |         |         |         |         |      |     |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| WSW                     |       |       |        | .7      |         |         |         |         |         |         |      |     |                       |
| W                       |       |       | 1.1    | .4      |         |         | .4      |         |         |         |      |     |                       |
| WNW                     |       | 1.1   |        |         |         |         |         |         |         |         |      |     |                       |
| NW                      |       | 1.4   |        |         |         |         |         |         |         |         |      |     |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 2.1   | 17.1  | 2.1    | 1.4     |         |         | .4      |         |         |         |      | 2.1 | 2.1                   |

TOTAL NUMBER OF OBSERVATIONS 12

ALBUQUERQUE, N.M.  
 1974-75  
 1974-75

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION ALBUQUERQUE STATION NAME 74-01 YEARS 1974-75 MONTH 1-12  
 CLASS ALL  
 CONDITION   
 HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                       |       | .4    |        |         |         |         |         |         |         |         |      | .4   | 1.0                   |
| NNE                     |       | .3    | .7     | .2      |         |         |         |         |         |         |      | 1.2  | 6.0                   |
| NE                      |       |       | .7     | .2      | .1      |         |         |         |         |         |      | 1.0  | 7.4                   |
| ENE                     |       | .2    | .1     | .1      |         |         |         |         |         |         |      | .4   | 5.0                   |
| E                       |       | 1.2   | .1     | .4      | .2      | .1      |         |         |         |         |      | .4   | 7.0                   |
| ESE                     |       | .7    | .7     |         |         |         |         |         |         |         |      | .4   | 4.7                   |
| SE                      |       | .1    |        | .1      |         |         |         |         |         |         |      | .4   | 5.0                   |
| SSE                     |       | .1    |        |         |         |         |         |         |         |         |      | .4   | 7.0                   |
| S                       |       | .7    |        |         |         |         |         |         |         |         |      | .4   | 6.0                   |
| SSW                     |       | 1.0   | .7     |         |         |         |         |         |         |         |      | .4   | 5.0                   |
| SW                      |       | .4    | .4     | .4      | .7      |         |         |         |         |         |      | 1.7  | 5.0                   |
| WSW                     | 1.0   | 4.7   | 13.0   | 11.0    | .8      |         |         |         |         |         |      | 31.0 | 7.1                   |
| W                       | 1.1   | .7    | 3.4    | 4.1     | .1      |         |         |         |         |         |      | 1.0  | 5.0                   |
| WNW                     | 1.2   | 2.0   | 3.0    | 1.3     |         |         |         |         |         |         |      | 2.0  | 7.7                   |
| NW                      |       | 1.2   | 1.0    | .0      |         |         |         |         |         |         |      | 4.4  | 7.3                   |
| NNW                     |       | .7    | .1     | .1      | .1      |         |         |         |         |         |      | 1.0  | 6.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | .4   |                       |
|                         | .2    | 13.0  | 39.7   | 22.4    | 2.0     | .1      |         |         |         |         |      | 1.0  | 6.0                   |

TOTAL NUMBER OF OBSERVATIONS 274



AL CLIMATELOGY DIVISION  
 1110  
 WEATHER SERVICE / AL

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION ALOS REF CA STATION NAME 74-83 YEARS 1957-1958 MONTH 1-17  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 1-17  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %    | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|-----------------------|
| N                       |       | 1.4   |        |         |         |         |         |         |         |         |      | 5.4  | 1.4                   |
| NNE                     |       | 1.4   |        | .4      |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| NE                      |       |       | 1.4    | .1      |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| ENE                     |       |       |        | .2      |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| E                       |       |       | 2.1    | .2      | .3      |         |         |         |         |         |      | 4.4  | 1.4                   |
| ESE                     |       | .7    | .7     | .2      |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| SE                      |       |       | .1     |         |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| SSE                     |       |       |        | .1      |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| S                       | 1.4   |       | .7     |         |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| SSW                     | .4    |       | .7     | .4      |         |         |         |         |         |         |      | 1.4  | 1.4                   |
| SW                      | 1.4   | 1.4   | .4     | .7      | 1.4     |         |         |         |         |         |      | 17.4 | 1.4                   |
| WSW                     |       | 2.1   | 5.4    | 11.4    | 2.1     | .3      |         |         |         |         |      | 21.4 | 1.4                   |
| W                       | 1.4   | 2.1   | 3.4    | 5.4     | 1.4     | .3      |         |         |         |         |      | 14.4 | 1.4                   |
| WNW                     |       | .4    | 1.4    | 2.4     | .7      |         |         |         |         |         |      | 5.4  | 1.4                   |
| NW                      | .7    | 1.4   | .7     | .9      | .1      |         |         |         |         |         |      | 3.4  | 1.4                   |
| NNW                     | .7    | .7    | .1     | .1      |         |         |         |         |         |         |      | 1.7  | 1.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |      |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |      |                       |
|                         | 1.4   | 17.3  | 11.2   | 24.6    | 5.1     | .6      |         |         |         |         |      | 1.4  | 1.4                   |

TOTAL NUMBER OF OBSERVATIONS 17

RECEIVED  
JUL 64  
U.S. AIR FORCE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-62 STATION NAME ALL WEATHER YEARS 1954-1955 MONTH 1-12  
CLASS ALL WEATHER HOURS (L.S.T.) 1440  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | 1.0   | 2.3   | 0.7    |         |         |         |         |         |         |         |      | 4.4   | 1.0                   |
| NNE                     | 2.7   | 2.0   | 1.0    | 0.7     |         |         |         |         |         |         |      | 5.4   | 4.0                   |
| NE                      | 5.0   | 2.0   | 2.0    | 0.7     |         |         |         |         |         |         |      | 7.7   | 5.0                   |
| ENE                     | 1.0   | 1.7   | 1.4    | 0.7     | 0.1     |         |         |         |         |         |      | 5.3   | 3.0                   |
| E                       | 1.0   | 1.0   | 2.1    | 0.6     | 0.3     |         |         |         |         |         |      | 6.0   | 7.1                   |
| ESE                     | 1.2   | 1.0   | 0.7    | 0.1     |         |         |         |         |         |         |      | 3.0   | 4.0                   |
| SE                      | 1.0   | 1.1   |        |         |         |         |         |         |         |         |      | 2.1   | 3.2                   |
| SSE                     | 0.7   | 0.7   | 0.7    | 0.1     |         |         |         |         |         |         |      | 1.0   | 3.0                   |
| S                       | 1.0   | 1.1   | 0.7    | 0.1     |         |         |         |         |         |         |      | 2.2   | 4.0                   |
| SSW                     | 1.0   | 1.2   | 1.0    | 0.3     |         |         |         |         |         |         |      | 3.0   | 2.0                   |
| SW                      | 1.1   | 2.0   | 5.1    | 3.4     | 0.6     | 0.1     |         |         |         |         |      | 12.0  | 9.0                   |
| WSW                     | 0.7   | 1.4   | 4.7    | 5.0     | 1.6     | 0.3     |         |         |         |         |      | 13.0  | 11.0                  |
| W                       | 1.2   | 2.3   | 2.6    | 2.3     | 0.3     | 0.3     |         |         |         |         |      | 6.0   | 9.1                   |
| WNW                     | 1.0   | 0.7   | 0.2    | 0.2     | 0.3     |         |         |         |         |         |      | 2.0   | 6.6                   |
| NW                      | 0.7   | 0.5   | 0.1    |         |         |         |         |         |         |         |      | 1.7   | 3.3                   |
| NNW                     | 0.7   | 0.6   | 0.5    |         |         |         |         |         |         |         |      | 1.8   | 4.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 11.7  |                       |
|                         | 1.2   | 5.1   | 23.4   | 14.5    | 3.3     | 0.8     |         |         |         |         |      | 100.0 | 6.5                   |

TOTAL NUMBER OF OBSERVATIONS 1440

CLIMATE BUREAU  
 WASHINGTON, D.C.  
 FORM 0-8-5

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ASIS APO CP STATION NAME 74-5 YEARS 1974-1975 MONTH 12-1975  
 CLASS ALL WEATHER  
 CONDITION   
 HOURS (L.S.T.)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   |        |         |         |         |         |         |         |         |      | 4.0 | 2.7                   |
| NNE                     |       | 1.0   |        | 1.0     |         |         |         |         |         |         |      | 4.0 | 2.7                   |
| NE                      | 1.0   | 2.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 7.0 | 4.0                   |
| ENE                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 4.0 | 3.0                   |
| E                       | 1.0   | 1.0   | 1.0    |         |         |         |         |         |         |         |      | 3.0 | 3.0                   |
| ESE                     | 1.0   | 1.0   | 1.0    |         |         |         |         |         |         |         |      | 3.0 | 3.0                   |
| SE                      |       | 1.0   | 1.0    |         |         |         |         |         |         |         |      | 2.0 | 2.7                   |
| SSE                     |       | 1.0   | 1.0    |         |         |         |         |         |         |         |      | 2.0 | 2.7                   |
| S                       |       | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 3.0 | 3.0                   |
| SSW                     | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 4.0 | 3.0                   |
| SW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 7.0 | 3.0                   |
| WSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 7.0 | 3.0                   |
| W                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 7.0 | 3.0                   |
| WNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 7.0 | 3.0                   |
| NW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 7.0 | 3.0                   |
| NNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 7.0 | 3.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 2.0   | 17.2  | 14.7   | 8.0     | 1.6     | 1.5     |         |         |         |         |      | 1.0 | 4.4                   |

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE  
 METEOROLOGICAL SERVICE  
 WIND DATA

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74-71 STATION NAME ALL WEATHER YEARS 74-75 MONTH 7  
 CLASS ALL WEATHER HOURS (L.S.T.) 7  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         | 2.7   | 1.5   | 1.7    | 3.5     | .7      |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 871

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-1 STATION NAME ALL AT 400 YEARS 1950-1951 MONTH 1-12  
CLASS ALL AT 400 HOURS (L.S.T.) 0000-2300  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 1000

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION AFB CA STATION NAME ALL ALHED YEARS 75-76 MONTH 1-7  
CLASS ALL ALHED HOURS (LST) 1-7  
CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   | 7.0                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75-5066 STATION NAME 75-5066 YEARS 75-84 MONTH 7-77  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 0000-2359  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 277

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION                      STATION NAME                      YEARS                      MONTH                     

                     CLASS                      HOURS (LST)                     

                     CONDITION                     

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| E                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| S                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| SW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| W                       |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WIND

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-1 STATION NAME ALL 3743 YEARS 1950-1951 MONTH 1

CLASS 1

CONDITION 1

HOURS (L.S.) 1

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEA<br>WIN<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|---------------------|
| N                      |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| NNE                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| NE                     |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| ENE                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| E                      |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| ESE                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| SE                     |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| SSE                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| S                      |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| SSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| SW                     |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| WSW                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| W                      |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| WNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| NW                     |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| NNW                    |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |   |                     |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      |   |                     |

TOTAL NUMBER OF OBSERVATIONS 1

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       | 1     | 1     | 1      |         |         |         |         |         |         |         |      |   |                       |
| NNE                     | 1     | 1     | 1      |         |         |         |         |         |         |         |      |   |                       |
| NE                      | 1     | 1     | 1      |         |         |         |         |         |         |         |      |   |                       |
| ENE                     |       | 1     | 1      | 1       |         |         |         |         |         |         |      |   |                       |
| E                       |       | 1     | 1      | 1       |         |         |         |         |         |         |      |   |                       |
| ESE                     |       | 1     | 1      | 1       |         |         |         |         |         |         |      |   |                       |
| SE                      |       | 1     | 1      | 1       |         |         |         |         |         |         |      |   |                       |
| SSE                     |       | 1     | 1      | 1       |         |         |         |         |         |         |      |   |                       |
| S                       |       | 1     | 1      | 1       |         |         |         |         |         |         |      |   |                       |
| SSW                     |       | 1     | 1      | 1       | 1       | 1       |         |         |         |         |      |   |                       |
| SW                      | 1     | 1     | 1      | 1       | 1       | 1       |         |         |         |         |      |   |                       |
| WSW                     | 1     | 1     | 1      | 1       | 1       | 1       |         |         |         |         |      |   |                       |
| W                       | 1     | 1     | 1      | 1       | 1       | 1       |         |         |         |         |      |   |                       |
| WNW                     | 1     | 1     | 1      | 1       | 1       | 1       | 1       |         |         |         |      |   |                       |
| NW                      | 1     | 1     | 1      | 1       | 1       | 1       | 1       |         |         |         |      |   |                       |
| NNW                     | 1     | 1     | 1      | 1       | 1       | 1       | 1       |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-50 STATION NAME ALL-ATOP YEARS 7-11 MONTH 7-11  
CLASS ALL-ATOP HOURS (LST) 7-11  
CONDITION ALL-ATOP

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   | 1.0    | 1.0     |         |         |         |         |         |         |      | 4.0 | 4.0                   |
| NNE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     |         |         |         |         |         |      | 4.0 | 4.0                   |
| NE                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| ENE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| E                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| ESE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| SE                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| SSE                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| S                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| SSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| SW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| WSW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| W                       | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| WNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| NW                      | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| NNW                     | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| VARBL                   | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |
| CALM                    | 1.0   | 1.0   | 1.0    | 1.0     | 1.0     | 1.0     |         |         |         |         |      | 4.0 | 4.0                   |

TOTAL NUMBER OF OBSERVATIONS 11

ALC 01011707  
T  
107 000 000 000

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|         |              |       |                |
|---------|--------------|-------|----------------|
| STATION | STATION NAME | YEARS | MONTH          |
|         | ALL          |       | -19            |
|         | CLASS        |       | HOURS (L.S.T.) |
|         | CONDITION    |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       |       | 1.0   |        |         |         |         |         |         |         |         |      | 4.0 | 2.3                   |
| NNE                     | 2.0   | 2.0   | 1.0    | .2      |         |         |         |         |         |         |      | 7.0 | 4.4                   |
| NE                      |       | 2.0   | 1.4    | .3      | .5      |         |         |         |         |         |      | 1.0 | 2.0                   |
| ENE                     | 1.0   | 1.0   | 1.0    | .7      |         |         |         |         |         |         |      | .0  | 2.0                   |
| E                       | 1.0   |       | .7     | .1      |         |         |         |         |         |         |      | .0  | 4.0                   |
| ESE                     |       | .7    |        | .1      |         |         |         |         |         |         |      | 1.0 | 2.0                   |
| SE                      |       | .1    | .1     |         |         |         |         |         |         |         |      | .7  | 2.7                   |
| SSE                     | 1.0   |       |        |         |         |         |         |         |         |         |      | 1.0 | 2.0                   |
| S                       | 1.0   |       |        | .1      |         |         |         |         |         |         |      | .0  | 2.7                   |
| SSW                     |       |       |        | .1      |         |         |         |         |         |         |      | .0  | 4.0                   |
| SW                      |       | 1.0   | 2.0    | 2.2     | .6      | .1      |         |         |         |         |      | .0  | 1.0                   |
| WSW                     |       |       | 2.1    | 3.4     | .6      | .3      |         |         |         |         |      | 7.0 | 1.0                   |
| W                       |       |       | 1.4    | 2.4     | .7      | .2      |         |         |         |         |      | .0  | 1.0                   |
| WNW                     |       | .2    | .7     | .3      | 1.7     | .3      | .1      |         |         |         |      | .0  | 1.0                   |
| NW                      |       | .1    | .1     | .4      | .6      | .2      |         |         |         |         |      | .0  | 1.0                   |
| NNW                     |       | .1    | .1     |         |         |         |         |         |         |         |      | .0  | 2.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.0 | 2.0                   |
|                         | 2.0   | 1.0   | 1.0    | 1.0     | 4.0     | 1.0     | .1      |         |         |         |      | 1.0 | 2.0                   |

TOTAL NUMBER OF OBSERVATIONS 050

ALBUQUERQUE, NM  
 1974-75  
 1974-75

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE, NM STATION NAME 74-75 YEARS 1974-75 MONTH 12  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 0000-1700  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N                       |       | 2.3   | .7     | .1      |         |         |         |         |         |         |      |   |                       |
| NNE                     |       | 1.7   | .7     | .2      |         |         |         |         |         |         |      |   |                       |
| NE                      | 2.3   | 2.3   | .7     | .5      | .1      |         |         |         |         |         |      |   |                       |
| ENE                     | .7    | 1.7   | 1.1    | .7      |         |         |         |         |         |         |      |   |                       |
| E                       | 1.7   | 1.7   | 1.7    | .2      |         |         |         |         |         |         |      |   |                       |
| ESE                     |       | .7    |        |         |         |         |         |         |         |         |      |   |                       |
| SE                      |       | .7    |        |         |         |         |         |         |         |         |      |   |                       |
| SSE                     |       | .1    |        |         |         |         |         |         |         |         |      |   |                       |
| S                       | 1.7   | .7    |        |         |         |         |         |         |         |         |      |   |                       |
| SSW                     | .7    | .7    | .7     | .1      |         |         |         |         |         |         |      |   |                       |
| SW                      | 1.7   | 1.2   | 2.5    | 2.3     | .2      | .1      |         |         |         |         |      |   |                       |
| WSW                     | .7    | 1.7   | 3.7    | 4.3     | .9      | .1      |         |         |         |         |      |   |                       |
| W                       | .7    | 2.5   | 3.5    | 3.4     | .2      | .3      | .1      |         |         |         |      |   |                       |
| WNW                     | .7    | .7    | 1.9    | 3.0     | 1.6     | .3      | .1      |         |         |         |      |   |                       |
| NW                      | .7    | .7    | .7     | 1.2     |         | .7      |         |         |         |         |      |   |                       |
| NNW                     | .7    | .7    |        |         |         | .7      |         |         |         |         |      |   |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |   |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |   |                       |
|                         | 2.3   | 17.2  | 15.5   | 16.2    | 7.7     | 1.4     | .2      |         |         |         |      |   |                       |

TOTAL NUMBER OF OBSERVATIONS 222

ALCANTARA, CALIF. 1954  
 TNC  
 101-105-101-101

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2-100 STATION NAME LEWIS AFB, CA YEARS 74-83 MONTH 1-12  
 CLASS ALL WEATHER HOURS (L.S.T.) 0-2400  
 CONDITION \_\_\_\_\_

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | .1    | 1.2   |        |         |         |         |         |         |         |         |      | .1  | 2.2                   |
| NNE                     | .7    | 2.0   | .1     | .1      |         |         |         |         |         |         |      | .1  | 2.2                   |
| NE                      |       | .7    | .1     |         |         |         |         |         |         |         |      | .1  | 2.4                   |
| ENE                     | 1.1   |       | .7     | .1      |         |         |         |         |         |         |      | .7  | 4.2                   |
| E                       | .1    | .5    | 1.1    | .1      |         |         |         |         |         |         |      | 1.1 | 4.5                   |
| ESE                     |       | .5    |        |         |         |         |         |         |         |         |      | .5  | 2.2                   |
| SE                      |       |       |        |         |         |         |         |         |         |         |      | .5  | 7.2                   |
| SSE                     |       | .7    |        |         |         |         |         |         |         |         |      | .7  | 4.2                   |
| S                       | 1.1   | 1.2   | .7     |         |         |         |         |         |         |         |      | .7  | 2.2                   |
| SSW                     | .1    | 1.7   | .7     | .2      |         |         |         |         |         |         |      | .1  | 4.2                   |
| SW                      | .7    | 2.7   | 2.7    | 1.2     |         |         |         |         |         |         |      | 2.7 | 2.2                   |
| WSW                     | .1    | .1    | 5.5    | 2.7     | .3      |         |         |         |         |         |      | 1.1 | 7.2                   |
| W                       | .7    | 4.2   | 2.2    | 3.2     | 1.2     | .6      |         |         |         |         |      | 1.1 | 6.2                   |
| WNW                     | .4    | 2.7   | 1.4    | 1.6     | .7      | .2      |         |         |         |         |      | 1.1 | 6.7                   |
| NW                      | .1    | 2.7   | .3     | .2      |         |         |         |         |         |         |      | .1  | 4.2                   |
| NNW                     |       | .7    |        |         |         |         |         |         |         |         |      | .1  | 2.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 22.1  | 7     | 14.4   | 5.7     | 2.3     | .3      |         |         |         |         |      | 1.1 | 4.2                   |

TOTAL NUMBER OF OBSERVATIONS 100

WIND CLIMATE DATA  
 REPORT  
 FOR THE YEAR 1974

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2405 STATION NAME CLARK AFB CA YEARS 74-75 MONTH 12  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 1700-2100  
 CONDITION \_\_\_\_\_

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | .4    | .5    | .7     |         |         |         |         |         |         |         |      | 1.1 | 3.4                   |
| NNE                     | .1    | 1.1   |        |         |         |         |         |         |         |         |      | .2  | 1.1                   |
| NE                      |       |       |        |         |         |         |         |         |         |         |      | .1  | .1                    |
| ENE                     | 1.1   | .1    |        |         |         |         |         |         |         |         |      | 1.7 | 1.1                   |
| E                       | .1    | .1    |        |         |         |         |         |         |         |         |      | .1  | .1                    |
| ESE                     | .1    | .1    | .7     |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| SE                      |       | .1    | .7     |         |         |         |         |         |         |         |      | .7  | 1.1                   |
| SSE                     | .1    |       |        |         |         |         |         |         |         |         |      | .1  | .1                    |
| S                       | .1    | 2.4   | .7     |         |         |         |         |         |         |         |      | 2.4 | 1.1                   |
| SSW                     | .1    | 2.4   | 2.4    | .7      |         |         |         |         |         |         |      | 2.4 | 1.1                   |
| SW                      | .1    | 2.7   | 2.7    | 1.1     | .3      |         |         |         |         |         |      | 1.1 | 1.1                   |
| WSW                     | .1    | 2.7   | 5.1    | 2.1     | .7      |         |         |         |         |         |      | 1.1 | 1.1                   |
| W                       | 1.1   | 6.1   | 2.1    | 1.4     |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| WNW                     | .4    | 2.7   | .7     | .3      | .3      | .3      |         |         |         |         |      | 1.1 | 1.1                   |
| NW                      | 1.1   | 2.7   |        |         |         |         |         |         |         |         |      | 1.1 | 1.1                   |
| NNW                     | .1    | .1    |        |         |         |         |         |         |         |         |      | .1  | .1                    |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      | .1  | .1                    |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 1.1 | .1                    |
|                         | 2.9   | 16.2  | 14.5   | 4.5     | 1.4     | .3      |         |         |         |         |      | 1.1 | 4.1                   |

TOTAL NUMBER OF OBSERVATIONS 120

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION AFB, CA STATION NAME AFB, CA YEARS 19-20 MONTH 1-12  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 24  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.4   | 1.4   | .7     | .1      |         |         |         |         |         |         |      | .7  | 3.4                   |
| NNE                     | .3    | 1.0   | .7     | .1      |         |         |         |         |         |         |      | .4  | 4.4                   |
| NE                      | .7    | .7    | .7     |         |         |         |         |         |         |         |      | 1.0 | 4.4                   |
| ENE                     | .7    | .7    | .7     | .1      |         |         |         |         |         |         |      | 1.0 | 4.4                   |
| E                       | .7    | .7    |        |         |         |         |         |         |         |         |      | .7  | 4.4                   |
| ESE                     | .7    | .7    |        |         |         |         |         |         |         |         |      | .7  | 4.4                   |
| SE                      | .7    | .7    |        |         |         |         |         |         |         |         |      | .7  | 4.4                   |
| SSE                     | .7    | .7    |        |         |         |         |         |         |         |         |      | .7  | 4.4                   |
| S                       | 1.4   | .7    | .7     | .1      | .1      |         |         |         |         |         |      | 1.4 | 4.4                   |
| SSW                     | 1.4   | .7    | .7     |         | .1      |         |         |         |         |         |      | 1.4 | 4.4                   |
| SW                      | 1.4   | .7    | .7     | .5      | .1      |         |         |         |         |         |      | 1.4 | 4.4                   |
| WSW                     | 1.4   | 1.4   | 2.7    | 1.5     |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| W                       | 2.7   | 2.1   | 1.1    | 1.2     | .3      | .1      |         |         |         |         |      | 2.7 | 4.4                   |
| WNW                     | 2.7   | 1.5   | .7     | .5      | .1      |         |         |         |         |         |      | 2.7 | 4.4                   |
| NW                      | 2.4   | .7    | .1     |         | .1      |         |         |         |         |         |      | 2.4 | 4.4                   |
| NNW                     | .7    | .7    |        |         |         |         |         |         |         |         |      | 1.4 | 4.4                   |
| V-RBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 2.7   | 1.2   | 1.5    | 1.8     | .8      | .1      |         |         |         |         |      | 1.4 | 2.7                   |

TOTAL NUMBER OF OBSERVATIONS 107



AL CLIMATELOGY DIVISION  
 1-0  
 METEOROLOGICAL SERVICE

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 74-01 STATION NAME ALL WEATHER YEARS 74-01 MONTH 1-1  
 CLASS ALL WEATHER  
 CONDITION   
 HOURS (LST)

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.0   | 1.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NNE                     | 1.0   | 1.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NE                      | 1.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| ENE                     | 1.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| E                       | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| ESE                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SE                      | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SSE                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| S                       | 1.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SSW                     | 1.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| SW                      | 1.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| WSW                     | 1.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| W                       | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| WNW                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NW                      | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| NNW                     | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0  | 0.0 | 0.0                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |

TOTAL NUMBER OF OBSERVATIONS 60

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-51 STATION NAME ALL WEATHER YEARS 1958-1959 MONTH 1-12  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2359  
CONDITION ALL WEATHER

| SPEED<br>KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                      | 0.4   | 1.7   | 0.7    | 0.7     | 0.1     | 0.1     |         |         |         |         |      | 0.4 | 4.0                   |
| NNE                    | 4.1   | 1.7   | 0.7    | 0.7     | 0.1     | 0.1     |         |         |         |         |      | 7.4 | 4.5                   |
| NE                     | 0.7   | 0.7   | 0.7    | 0.4     | 0.1     | 0.1     |         |         |         |         |      | 0.7 | 0.8                   |
| ENE                    | 1.0   | 1.3   | 0.7    | 0.7     | 0.1     |         |         |         |         |         |      | 4.7 | 0.8                   |
| E                      | 0.7   | 0.9   | 0.6    | 0.6     | 0.1     |         |         |         |         |         |      | 4.7 | 0.8                   |
| ESE                    | 0.1   | 0.1   |        |         |         |         |         |         |         |         |      | 0.1 | 0.1                   |
| SE                     | 0.1   | 0.1   |        |         |         |         |         |         |         |         |      | 0.1 | 0.1                   |
| SSE                    | 0.1   | 0.7   |        |         |         |         |         |         |         |         |      | 1.0 | 0.1                   |
| S                      | 1.0   | 0.7   | 0.2    |         |         |         |         |         |         |         |      | 1.0 | 0.4                   |
| SSW                    | 1.1   | 0.7   | 0.4    | 0.7     |         | 0.1     |         |         |         |         |      | 0.8 | 0.9                   |
| SW                     | 0.7   | 0.1   | 2.2    | 2.4     | 0.7     |         |         |         |         |         |      | 0.7 | 0.9                   |
| WSW                    | 0.1   | 1.0   | 1.3    | 2.9     | 0.9     |         |         |         |         |         |      | 0.1 | 1.0                   |
| W                      | 0.1   | 0.3   | 1.7    | 3.6     | 0.9     | 0.3     | 0.1     |         |         |         |      | 0.4 | 1.0                   |
| WNW                    | 0.1   | 0.7   | 0.6    | 1.7     | 0.8     | 0.2     | 0.1     |         |         |         |      | 0.4 | 1.0                   |
| NW                     | 0.1   | 0.7   | 0.1    | 0.1     | 0.2     | 0.1     |         |         |         |         |      | 0.1 | 0.1                   |
| NNW                    | 0.1   | 0.7   |        | 0.1     |         |         |         |         |         |         |      | 0.1 | 0.1                   |
| VARBL                  |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                   |       |       |        |         |         |         |         |         |         |         |      | 0.0 |                       |
|                        | 2.0   | 12.3  | 2.0    | 1.9     | 3.6     | 1.1     | 0.2     |         |         |         |      | 1.0 | 4.0                   |

TOTAL NUMBER OF OBSERVATIONS 100

ALBUQUERQUE, N.M.  
 1974-75  
 74-83

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ALBUQUERQUE, N.M. STATION NAME 74-83 YEARS 74-83 MONTH 7-17  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 7-17  
 CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       |       | 2.5   | .7     |         |         |         |         |         |         |         |      | 7.1 | 4.1                   |
| NNE                     |       | 2.2   | .5     | .1      |         |         |         |         |         |         |      | 2.8 | 4.2                   |
| NE                      | 1.1   | 2.0   | .6     | .8      |         | .2      |         |         |         |         |      | 3.7 | 4.7                   |
| ENE                     | 1.4   |       | .3     | .6      |         |         |         |         |         |         |      | 3.7 | 4.7                   |
| E                       | .1    | 1.7   | .5     | .6      |         |         |         |         |         |         |      | 4.4 | 4.7                   |
| ESE                     |       | .2    |        |         |         |         |         |         |         |         |      |     | 4.4                   |
| SE                      |       | .1    | .1     |         |         |         |         |         |         |         |      |     | 4.4                   |
| SSE                     |       | .2    | .1     |         |         |         |         |         |         |         |      |     | 4.4                   |
| S                       |       | .2    | .1     |         |         |         |         |         |         |         |      |     | 4.4                   |
| SSW                     |       | .7    | .7     |         |         |         |         |         |         |         |      |     | 4.2                   |
| SW                      |       | 1.4   | 2.3    | 2.2     | .7      |         |         |         |         |         |      | 7.4 | 2.2                   |
| WSW                     |       | 1.4   | 2.1    | 2.3     | .5      |         |         |         |         |         |      | 7.4 | 2.2                   |
| W                       |       | .2    | 2.0    | 2.4     | .9      |         |         |         |         |         |      | 7.4 | 1.1                   |
| WNW                     |       | .5    | 2.2    | 1.5     | 1.4     | .6      | .2      |         |         |         |      | 6.7 | 1.2                   |
| NW                      |       | .1    | .5     | 1.7     | .2      | .1      |         |         |         |         |      | 6.7 | 1.2                   |
| NNW                     | .1    | .2    |        |         |         |         |         |         |         |         |      | 1.7 | 1.2                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      | 7.7 |                       |
|                         | 1.7   | 14.5  | 13.4   | 11.4    | 3.7     | .9      | .2      |         |         |         |      | 1.7 | 4.4                   |

TOTAL NUMBER OF OBSERVATIONS 17

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %   | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-----|-----------------------|
| N                       | 1.2   | 2.7   | 2.7    | 2.7     |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| NNE                     | 1.2   | 1.2   | 2.7    | 2.7     |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| NE                      |       | 2.7   | 2.7    | 2.7     |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| ENE                     |       | 2.7   | 2.7    | 2.7     |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| E                       |       | 2.7   | 2.7    | 2.7     |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| ESE                     |       |       |        |         |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| SE                      |       | 2.7   |        |         |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| SSE                     |       | 2.7   | 2.7    |         |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| S                       |       | 2.7   | 2.7    | 2.7     |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| SSW                     | 1.2   | 1.2   | 2.7    | 2.7     |         |         |         |         |         |         |      | 2.7 | 2.7                   |
| SW                      | 1.2   | 1.2   | 2.7    | 2.7     | 2.7     |         |         |         |         |         |      | 2.7 | 2.7                   |
| WSW                     | 1.2   | 2.7   | 2.7    | 2.7     | 2.7     |         |         |         |         |         |      | 2.7 | 2.7                   |
| W                       | 2.7   | 2.7   | 2.7    | 2.7     | 2.7     | 2.7     |         |         |         |         |      | 2.7 | 2.7                   |
| WNW                     | 2.7   | 2.7   | 2.7    | 2.7     | 2.7     | 2.7     | 2.7     |         |         |         |      | 2.7 | 2.7                   |
| NW                      | 2.7   | 2.7   | 2.7    | 2.7     | 2.7     | 2.7     | 2.7     | 2.7     |         |         |      | 2.7 | 2.7                   |
| NNW                     | 2.7   | 2.7   | 2.7    | 2.7     | 2.7     | 2.7     | 2.7     | 2.7     | 2.7     |         |      | 2.7 | 2.7                   |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |     |                       |
| CALM                    |       |       |        |         |         |         |         |         |         |         |      |     |                       |
|                         | 2.7   | 2.7   | 2.7    | 2.7     | 2.7     | 2.7     | 2.7     | 2.7     | 2.7     | 2.7     | 2.7  | 2.7 | 2.7                   |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

ALL MAINTENANCE  
CLASS

### CONDITION

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

AD-A159 688 EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS  
CLIMATE SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84  
UNCLASSIFIED USAFETAC/DS-84/039 F/G 4/2

EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 84  
USAFETAC/DS-84/039 F/G 4/2

24

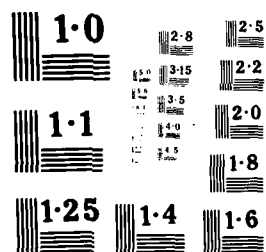
UNCLASSIFIED

USAFETAC/DS-84/039

**F/G 4/2**

NL

[illegible]





## CEILING VERSUS VISIBILITY

73-84

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$$v \in B, \quad v \in A, \quad v \in W.$$
[illegible]TOTAL NUMBER OF OBSERVATIONS 972



AL CLIMATOLOGY BRANCH  
STAG  
CATER SERVICE/MAO

# CEILING VERSUS VISIBILITY

STATION: LOWLANDS AFB CA YEAR: 75-84 DATE: 1100-1400  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| CEILING<br>FEET | VISIBILITY STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | 210                      | 20   | 25   | 24   | 23   | 22   | 21   | 20   | 19   | 18   | 17   | 16   | 15   | 14   | 13   | 12   |
| 1000            | 67.5                     | 63.5 | 69.7 | 63.7 | 67.7 | 60.7 | 62.7 | 68.7 | 68.7 | 63.7 | 68.7 | 63.7 | 69.7 | 60.7 | 67.7 | 60.7 |
| 900             | 75.7                     | 73.1 | 74.3 | 74.3 | 73.3 | 76.3 | 71.3 | 76.4 | 78.4 | 78.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| 800             | 77.4                     | 73.8 | 75.9 | 78.9 | 74.9 | 78.9 | 72.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 700             | 77.6                     | 79.0 | 79.1 | 79.1 | 73.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 600             | 80.9                     | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 500             | 80.6                     | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| 400             | 85.1                     | 87.0 | 87.1 | 87.1 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| 300             | 85.7                     | 87.2 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 200             | 86.2                     | 88.1 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 100             | 87.1                     | 88.9 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| 0               | 87.7                     | 89.7 | 90.0 | 90.1 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| 1000            | 88.9                     | 91.3 | 91.5 | 91.6 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 900             | 92.4                     | 93.4 | 93.7 | 93.8 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 800             | 92.7                     | 93.7 | 94.2 | 94.3 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| 700             | 92.3                     | 95.5 | 95.9 | 96.1 | 96.6 | 96.6 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| 600             | 92.3                     | 95.7 | 96.4 | 96.6 | 97.1 | 97.1 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 500             | 92.5                     | 95.9 | 96.6 | 96.9 | 97.5 | 97.5 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 400             | 92.6                     | 96.4 | 97.1 | 97.5 | 98.1 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 300             | 92.6                     | 96.6 | 97.2 | 97.7 | 98.2 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 200             | 92.7                     | 96.9 | 97.5 | 98.1 | 98.8 | 98.8 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 100             | 92.7                     | 96.9 | 97.6 | 98.3 | 98.9 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0               | 92.1                     | 97.1 | 97.3 | 98.2 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 1000            | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 900             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 800             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 700             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 600             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 500             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 400             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 300             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 200             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 100             | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0               | 92.2                     | 97.1 | 97.8 | 98.2 | 99.0 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 936

JOINT CLIMATE SERVICE BRANCH  
ETAC  
JOINT CLIMATE SERVICE/MAAC

# CEILING VERSUS VISIBILITY

2.011 10-4-55 AFB CA

75-54

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

11-2-17-55

VISIBILITY STATUTE MILES

|      | 20   | 25   | 24   | 23   | 22   | 21   | 20   | 19   | 18   | 17   | 16   | 15   | 14   | 13   | 12   | 11   | 10   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 17.5 | 64.4 | 64.5 | 64.6 | 64.6 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| 17.3 | 74.7 | 74.8 | 75.0 | 75.0 | 75.1 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| 14.7 | 75.5 | 75.5 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 14.5 | 75.5 | 75.5 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 17.5 | 76.6 | 76.9 | 79.1 | 79.1 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| 11.5 | 82.9 | 87.0 | 83.2 | 87.3 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| 15.2 | 86.9 | 87.0 | 87.3 | 87.4 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 15.2 | 86.9 | 87.0 | 87.3 | 87.4 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 16.1 | 87.7 | 87.8 | 88.3 | 88.4 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 16.2 | 88.1 | 88.2 | 88.5 | 88.7 | 88.8 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 17.7 | 89.1 | 89.2 | 89.8 | 90.1 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 18.4 | 91.9 | 92.0 | 92.7 | 92.9 | 93.0 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 18.6 | 92.2 | 92.3 | 92.9 | 93.1 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 11.2 | 94.4 | 94.6 | 95.2 | 95.6 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| 11.7 | 94.5 | 94.7 | 95.4 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 12.4 | 96.6 | 96.8 | 97.5 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 12.4 | 96.6 | 96.8 | 97.6 | 98.1 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 12.5 | 96.8 | 97.1 | 97.9 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 12.5 | 97.0 | 97.3 | 98.1 | 98.7 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 12.5 | 97.1 | 97.5 | 98.3 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 12.6 | 97.1 | 97.6 | 98.3 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 12.6 | 97.2 | 97.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 12.6 | 97.2 | 97.6 | 98.5 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 12.7 | 97.5 | 97.8 | 98.7 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 12.7 | 97.5 | 97.8 | 98.7 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 12.7 | 97.5 | 97.8 | 98.7 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 12.7 | 97.5 | 97.8 | 98.7 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 12.7 | 97.5 | 97.8 | 98.7 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 12.7 | 97.5 | 97.8 | 98.7 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 12.7 | 97.5 | 97.8 | 98.7 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 975



## CEILING VERSUS VISIBILITY

75-84

— فقط

## 41-2-2466

456 STATE WIVES

[illegible]TOTAL NUMBER OF OBSERVATIONS 401

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. AIR CLIMATOLOGY REPORT  
2. STATION  
3. FATHER SERVICE/NAAC

## CEILING VERSUS VISIBILITY

12-31-75 STATIONS AFM CA

75-84

163

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

GROUP-0600

|     |      | VISIBILITY - STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |
|-----|------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
|     |      | 20                         | 16   | 12   | 8    | 4    | 2    | 1    | 1/2  | 1/4  | 1/8  | 1/16 | 1/32 | 1/64 | 1/128 | 1/256 | 1/512 |
| 100 | 75.4 | 74.1                       | 74.3 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1  | 75.2  | 75.3  |
| 95  | 75.3 | 75.7                       | 75.2 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7  | 80.9  | 81.0  |
| 90  | 75.3 | 80.7                       | 81.0 | 81.7 | 81.9 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8  | 81.9  | 82.0  |
| 85  | 75.4 | 81.9                       | 81.1 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.1 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0  | 82.2  | 82.3  |
| 80  | 75.7 | 84.8                       | 85.2 | 85.2 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3  | 86.4  | 87.1  |
| 75  | 84.2 | 86.6                       | 87.1 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3  | 88.4  | 89.0  |
| 70  | 86.8 | 88.5                       | 89.7 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2  | 90.3  | 90.9  |
| 65  | 87.3 | 88.8                       | 89.2 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4  | 90.5  | 91.1  |
| 60  | 7.7  | 90.3                       | 90.1 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1  | 91.3  | 91.4  |
| 55  | 87.9 | 89.7                       | 90.2 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5  | 91.6  | 92.2  |
| 50  | 88.4 | 90.2                       | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8  | 92.0  | 92.7  |
| 45  | 90.6 | 91.4                       | 92.1 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1  | 93.3  | 93.9  |
| 40  | 90.1 | 91.8                       | 92.4 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6  | 93.7  | 94.3  |
| 35  | 91.4 | 93.3                       | 93.9 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3  | 95.4  | 96.0  |
| 30  | 91.7 | 93.6                       | 94.0 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7  | 95.9  | 96.6  |
| 25  | 92.1 | 95.2                       | 95.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8  | 97.9  | 98.6  |
| 20  | 92.7 | 95.2                       | 96.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8  | 97.9  | 98.6  |
| 15  | 92.1 | 95.3                       | 96.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.2  | 98.8  |
| 10  | 92.1 | 95.3                       | 96.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1  | 98.2  | 98.8  |
| 5   | 92.3 | 95.5                       | 96.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5  | 98.6  | 99.2  |
| 0   | 92.3 | 95.6                       | 96.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7  | 98.8  | 99.4  |
| 95  | 92.3 | 95.6                       | 96.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7  | 98.8  | 99.4  |
| 90  | 92.3 | 95.7                       | 96.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.9  | 99.5  |
| 85  | 92.3 | 95.7                       | 96.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7  | 98.9  | 99.5  |
| 80  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 75  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 70  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 65  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 60  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 55  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 50  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 45  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 40  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 35  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 30  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 25  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 20  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 15  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 10  | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 5   | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |
| 0   | 92.3 | 95.7                       | 96.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8  | 98.9  | 99.6  |

TOTAL NUMBER OF OBSERVATIONS 846







## CEILING VERSUS VISIBILITY

76-424

566

..-175..

TOTAL NUMBER OF OBSERVATIONS 241

USAF F1A 0-14-5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 | 50.0 | 51.0 | 52.0 | 53.0 | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 | 99.0 | 100.0 |
| 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 | 50.0 | 51.0 | 52.0 | 53.0 | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS





## CEILING VERSUS VISIBILITY

72-14

45.

## 100-245

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.3   | 2.3   | 3.3   | 4.3   | 5.3   | 6.3   | 7.3   | 8.3   | 9.3   | 10.3  | 11.3  | 12.3  | 13.3  | 14.3  | 15.3  | 16.3  | 17.3  | 18.3  | 19.3  | 20.3  |
| 2.4   | 3.4   | 4.4   | 5.4   | 6.4   | 7.4   | 8.4   | 9.4   | 10.4  | 11.4  | 12.4  | 13.4  | 14.4  | 15.4  | 16.4  | 17.4  | 18.4  | 19.4  | 20.4  | 21.4  |
| 3.5   | 4.5   | 5.5   | 6.5   | 7.5   | 8.5   | 9.5   | 10.5  | 11.5  | 12.5  | 13.5  | 14.5  | 15.5  | 16.5  | 17.5  | 18.5  | 19.5  | 20.5  | 21.5  | 22.5  |
| 4.6   | 5.6   | 6.6   | 7.6   | 8.6   | 9.6   | 10.6  | 11.6  | 12.6  | 13.6  | 14.6  | 15.6  | 16.6  | 17.6  | 18.6  | 19.6  | 20.6  | 21.6  | 22.6  | 23.6  |
| 5.7   | 6.7   | 7.7   | 8.7   | 9.7   | 10.7  | 11.7  | 12.7  | 13.7  | 14.7  | 15.7  | 16.7  | 17.7  | 18.7  | 19.7  | 20.7  | 21.7  | 22.7  | 23.7  | 24.7  |
| 6.8   | 7.8   | 8.8   | 9.8   | 10.8  | 11.8  | 12.8  | 13.8  | 14.8  | 15.8  | 16.8  | 17.8  | 18.8  | 19.8  | 20.8  | 21.8  | 22.8  | 23.8  | 24.8  | 25.8  |
| 7.9   | 8.9   | 9.9   | 10.9  | 11.9  | 12.9  | 13.9  | 14.9  | 15.9  | 16.9  | 17.9  | 18.9  | 19.9  | 20.9  | 21.9  | 22.9  | 23.9  | 24.9  | 25.9  | 26.9  |
| 8.10  | 9.10  | 10.10 | 11.10 | 12.10 | 13.10 | 14.10 | 15.10 | 16.10 | 17.10 | 18.10 | 19.10 | 20.10 | 21.10 | 22.10 | 23.10 | 24.10 | 25.10 | 26.10 | 27.10 |
| 9.11  | 10.11 | 11.11 | 12.11 | 13.11 | 14.11 | 15.11 | 16.11 | 17.11 | 18.11 | 19.11 | 20.11 | 21.11 | 22.11 | 23.11 | 24.11 | 25.11 | 26.11 | 27.11 | 28.11 |
| 10.12 | 11.12 | 12.12 | 13.12 | 14.12 | 15.12 | 16.12 | 17.12 | 18.12 | 19.12 | 20.12 | 21.12 | 22.12 | 23.12 | 24.12 | 25.12 | 26.12 | 27.12 | 28.12 | 29.12 |
| 11.13 | 12.13 | 13.13 | 14.13 | 15.13 | 16.13 | 17.13 | 18.13 | 19.13 | 20.13 | 21.13 | 22.13 | 23.13 | 24.13 | 25.13 | 26.13 | 27.13 | 28.13 | 29.13 | 30.13 |
| 12.14 | 13.14 | 14.14 | 15.14 | 16.14 | 17.14 | 18.14 | 19.14 | 20.14 | 21.14 | 22.14 | 23.14 | 24.14 | 25.14 | 26.14 | 27.14 | 28.14 | 29.14 | 30.14 | 31.14 |
| 13.15 | 14.15 | 15.15 | 16.15 | 17.15 | 18.15 | 19.15 | 20.15 | 21.15 | 22.15 | 23.15 | 24.15 | 25.15 | 26.15 | 27.15 | 28.15 | 29.15 | 30.15 | 31.15 | 32.15 |
| 14.16 | 15.16 | 16.16 | 17.16 | 18.16 | 19.16 | 20.16 | 21.16 | 22.16 | 23.16 | 24.16 | 25.16 | 26.16 | 27.16 | 28.16 | 29.16 | 30.16 | 31.16 | 32.16 | 33.16 |
| 15.17 | 16.17 | 17.17 | 18.17 | 19.17 | 20.17 | 21.17 | 22.17 | 23.17 | 24.17 | 25.17 | 26.17 | 27.17 | 28.17 | 29.17 | 30.17 | 31.17 | 32.17 | 33.17 | 34.17 |
| 16.18 | 17.18 | 18.18 | 19.18 | 20.18 | 21.18 | 22.18 | 23.18 | 24.18 | 25.18 | 26.18 | 27.18 | 28.18 | 29.18 | 30.18 | 31.18 | 32.18 | 33.18 | 34.18 | 35.18 |
| 17.19 | 18.19 | 19.19 | 20.19 | 21.19 | 22.19 | 23.19 | 24.19 | 25.19 | 26.19 | 27.19 | 28.19 | 29.19 | 30.19 | 31.19 | 32.19 | 33.19 | 34.19 | 35.19 | 36.19 |
| 18.20 | 19.20 | 20.20 | 21.20 | 22.20 | 23.20 | 24.20 | 25.20 | 26.20 | 27.20 | 28.20 | 29.20 | 30.20 | 31.20 | 32.20 | 33.20 | 34.20 | 35.20 | 36.20 | 37.20 |
| 19.21 | 20.21 | 21.21 | 22.21 | 23.21 | 24.21 | 25.21 | 26.21 | 27.21 | 28.21 | 29.21 | 30.21 | 31.21 | 32.21 | 33.21 | 34.21 | 35.21 | 36.21 | 37.21 | 38.21 |
| 20.22 | 21.22 | 22.22 | 23.22 | 24.22 | 25.22 | 26.22 | 27.22 | 28.22 | 29.22 | 30.22 | 31.22 | 32.22 | 33.22 | 34.22 | 35.22 | 36.22 | 37.22 | 38.22 | 39.22 |
| 21.23 | 22.23 | 23.23 | 24.23 | 25.23 | 26.23 | 27.23 | 28.23 | 29.23 | 30.23 | 31.23 | 32.23 | 33.23 | 34.23 | 35.23 | 36.23 | 37.23 |       |       |       |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 4

0-14-5 OL A previous edition of this form not OBSOLETE





## CEILING VERSUS VISIBILITY

75-24

42.

## 44-38861-1722

[illegible]TOTAL NUMBER OF OBSERVATIONS 234

## CEILING VERSUS VISIBILITY

75-34

425

42-2-14-1

1. *Phragmites* (Common Reed)

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 89 \_\_\_\_\_

## CEILING VERSUS VISIBILITY

75-44

APP

44-1110

...A' TE N' f' s'

TOTAL NUMBER OF OBSERVATIONS 604

## CEILING VERSUS VISIBILITY

75-34

STAYON NAME

422

44-38861-1000

*Sigrid A. Stenlund*

TOTAL NUMBER OF OBSERVATIONS 623

USAF ETAC 0-14-510L A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

75-84

442

2122-2322

TOTAL NUMBER OF OBSERVATIONS 30

## CEILING VERSUS VISIBILITY

75-64

44

1-2-2020

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 929

AL CLIMATOLOGY BRANCH  
ETAC  
AIR WEATHER SERVICE (MAC)

# CEILING VERSUS VISIBILITY

2-110  
FORM

STATIONS AFB CA

75-84

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

10-1700

|      |  | VISIBILITY, STATUTE MILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|--|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |  | 20                        | 26   | 25   | 24   | 23   | 22   | 21   | 20   | 19   | 18   | 17   | 16   | 15   | 14   | 13   | 12   |
| FEET |  |                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1000 |  | 67.7                      | 67.2 | 67.2 | 67.2 | 67.7 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| 900  |  | 74.1                      | 75.8 | 75.9 | 75.9 | 76.7 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 800  |  | 74.7                      | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| 700  |  | 74.8                      | 75.7 | 76.9 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 600  |  | 76.7                      | 76.5 | 76.6 | 76.6 | 76.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| 500  |  | 77.4                      | 81.2 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 400  |  | 81.1                      | 83.7 | 83.1 | 83.1 | 83.7 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 300  |  | 81.6                      | 83.5 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 200  |  | 82.4                      | 84.3 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 100  |  | 82.4                      | 84.4 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 0    |  | 84.1                      | 86.1 | 86.3 | 86.3 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| 9000 |  | 86.6                      | 88.8 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| 8000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 7000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 6000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 5000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 4000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 3000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 2000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 1000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 0    |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 9000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 8000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 7000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 6000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 5000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 4000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 3000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 2000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 1000 |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| 0    |  | 87.0                      | 89.1 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |

TOTAL NUMBER OF OBSERVATIONS 930

U. S. AIR CLIMATOLOGY BRANCH  
 OFFICE  
 AIR WEATHER SERVICE MAC

# CEILING VERSUS VISIBILITY

12-310 12-310S AFM CA

75-84

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

12-310-1400

|         |      | VISIBILITY - STATUTE MILES |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------|------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         |      | 1                          | 2    | 3    | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    |
| 1000    | 67.4 | 58.3                       | 68.3 | 63.3 | 57.4  | 66.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  | 68.4  |
| 900     | 76.2 | 76.2                       | 76.2 | 76.2 | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  | 77.2  |
| 800     | 76.7 | 77.5                       | 77.5 | 77.5 | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  | 77.6  |
| 700     | 76.5 | 77.7                       | 77.7 | 77.7 | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  | 77.8  |
| 600     | 77.0 | 78.8                       | 78.8 | 78.8 | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  | 78.9  |
| 500     | 80.4 | 81.3                       | 81.3 | 81.3 | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  | 81.4  |
| 400     | 82.9 | 83.9                       | 84.1 | 84.1 | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  | 84.1  |
| 300     | 83.2 | 84.3                       | 84.4 | 84.4 | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  | 84.5  |
| 200     | 84.3 | 85.4                       | 85.5 | 85.5 | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  | 85.6  |
| 100     | 84.5 | 85.6                       | 85.7 | 85.7 | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  | 85.8  |
| 50      | 86.0 | 87.1                       | 87.2 | 87.2 | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  | 87.3  |
| 20      | 89.5 | 89.8                       | 89.8 | 89.8 | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  | 90.0  |
| 10      | 90.7 | 90.8                       | 90.8 | 90.8 | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  | 90.8  |
| 5       | 91.6 | 93.0                       | 93.2 | 93.4 | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  | 93.4  |
| 2       | 92.3 | 94.2                       | 94.4 | 94.6 | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  | 94.8  |
| 1       | 95.5 | 97.5                       | 97.7 | 98.1 | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  | 98.5  |
| 0.5     | 95.8 | 97.8                       | 98.7 | 98.5 | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  | 99.0  |
| 0.2     | 96.0 | 98.1                       | 98.4 | 98.7 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| 0.1     | 96.0 | 98.1                       | 98.4 | 98.7 | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  | 99.4  |
| 0.05    | 96.1 | 98.4                       | 98.8 | 99.2 | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  | 99.8  |
| 0.02    | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.01    | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.005   | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.002   | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.001   | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0005  | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0002  | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.0001  | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.00005 | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.00002 | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0.00001 | 96.5 | 98.8                       | 98.9 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 93



LOCAL CLIMATE BY BRANCH  
 METAC  
 WEATHER SERVICE METAC

# CEILING VERSUS VISIBILITY

STATION NAME  
 STATION NUMBER

75-34

442

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

100-1100

| CEILING | 26   | 25   | 24   | 23   | 22   | 21   | 20   | 19   | 18   | 17   | 16   | 15   | 14   | 13   | 12   | 11   | 10   | 9    | 8    | 7    | 6    | 5    | 4    | 3    | 2    | 1    | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 100     | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 90      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 80      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 70      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 60      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 50      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 40      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 30      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 20      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 10      | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |
| 0       | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |   |

TOTAL NUMBER OF OBSERVATIONS 53

1. L. H. HARTLOVE, JR. AND  
-TAC  
2. H. L. HARTLOVE, JR. AND

72-54

~~44~~

44-38861-7661

TOTAL NUMBER OF OBSERVATIONS 927

## CEILING VERSUS VISIBILITY

75-34

AY

- 22 - 11

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF F1AC 74 0-14-5101 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

75-24

~~ΣΔΥ~~

100-145

[illegible]TOTAL NUMBER OF OBSERVATIONS 93

## CEILING VERSUS VISIBILITY

75-34

2A4

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS:

22-5-172

[illegible]TOTAL NUMBER OF OBSERVATIONS 230

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

75-34

44

100-2-2424

• *SHI, Y. 2003. The effects of*

[illegible]TOTAL NUMBER OF OBSERVATIONS 97



U.S. AIR FORCE  
HEADQUARTERS  
AIR FORCE STATION

# CEILING VERSUS VISIBILITY

STATION NAME

72-54

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

GROUP - 1000

| CEILING | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 1       | 94.3 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |    |
| 2       | 97.8 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |    |
| 3       | 97.9 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |    |
| 4       | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |    |
| 5       | 98.7 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |    |
| 6       | 99.6 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |    |
| 7       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 8       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 9       | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 10      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 11      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 12      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 13      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 14      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 15      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 16      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 17      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 18      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 19      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 20      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 21      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 22      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 23      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |
| 24      | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |    |

TOTAL NUMBER OF OBSERVATIONS 93

U.S. AIR FORCE 10-14-51 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## CEILING VERSUS VISIBILITY

75-34

444

100-110

• 25 •

TOTAL NUMBER OF OBSERVATIONS 95

USAF ETAC 0-14.5-OL A previous editions of this form are OBSOLETE

## CEILING VERSUS VISIBILITY

المجلس

1-2-14-10

TOTAL NUMBER OF OBSERVATIONS 92

## CEILING VERSUS VISIBILITY

70 - 34

44

44-38861-1700

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 931

## CEILING VERSUS VISIBILITY

75-26

1-55-255

TOTAL NUMBER OF OBSERVATIONS 62

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE







*Journal of Management Education* 30(6)p.789-804  
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1-24-64

TOTAL NUMBER OF OBSERVATIONS 122



## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS 834



1. The first group of people who are interested in the results of the study are the researchers themselves. They want to know if the study was successful in achieving its objectives and if the results are consistent with their expectations.

1-7-77 - 140.

TOTAL NUMBER OF OBSERVATIONS 1334

THE U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

74-6, 7

2

- 22 - 110 -

TOTAL NUMBER OF OBSERVATIONS 220

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

*Journal of Management Studies*, 19(1), 67-80.

SECRET

74-23

١٢٢

$$-0.00079 - 0.000001$$

• *Journal of the American Academy of Child and Adolescent Psychiatry* 35:1033-1040, 1996.

TOTAL NUMBER OF OBSERVATIONS 894

## CEILING VERSUS VISIBILITY

74-12

573

11-2-255

TOTAL NUMBER OF OBSERVATIONS 24

USAF EIAO 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## CEILING VERSUS VISIBILITY

2-21-71 - 2-25-71 CA

75-24

442

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

15-3-1722

• • • • •

TOTAL NUMBER OF OBSERVATIONS 527





## CEILING VERSUS VISIBILITY

75-24

44

7-24-1100

TOTAL NUMBER OF OBSERVATIONS 92

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 03-28-2001 BY 60322 UCBAW

— 1952 —

TOTAL NUMBER OF OBSERVATIONS 93

CLIMATE LOG - HA (C)  
STATION SERVICE AREA

# CEILING VERSUS VISIBILITY

STATION NAME

75-84

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

100-0000

VISIBILITY (MILES)

|      | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.0  | 91.2 | 91.5 | 91.5 | 91.5 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| 2.0  | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 3.0  | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 4.0  | 93.2 | 94.1 | 94.1 | 94.1 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 5.0  | 95.8 | 96.1 | 96.1 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 6.0  | 96.7 | 97.1 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 7.0  | 97.1 | 97.4 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 8.0  | 97.7 | 98.0 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 9.0  | 97.7 | 98.0 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 10.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 11.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 12.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 13.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 14.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 15.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 16.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 17.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 18.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 19.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 20.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 21.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 22.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 23.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 24.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

NUMBER OF OBSERVATIONS 307





## CEILING VERSUS VISIBILITY

74-53

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

7-2

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF ETAC 0-14.5 IOL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





## CEILING VERSUS VISIBILITY

74-87

627

-22-1100

TOTAL NUMBER OF OBSERVATIONS 97

AL CLIMATE DIVISION  
ATLANTIC SERVICE AREA

## CEILING VERSUS VISIBILITY

STATION NAME

74-54

0001

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1959-1960

|      |      | VISIBILITY IN FEET |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |      | 20                 | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   | 95   |
| 1.0  | 93.1 | 97.1               | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 2.0  | 91.2 | 91.2               | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 3.0  | 91.1 | 91.2               | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 4.0  | 91.2 | 91.4               | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 5.0  | 93.1 | 93.1               | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 6.0  | 94.2 | 94.3               | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 7.0  | 95.3 | 95.4               | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| 8.0  | 95.4 | 95.5               | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 9.0  | 96.4 | 96.7               | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 10.0 | 97.3 | 97.3               | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 11.0 | 98.2 | 98.3               | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 12.0 | 98.2 | 98.3               | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 13.0 | 99.1 | 99.2               | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 14.0 | 99.1 | 99.2               | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 15.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 16.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 17.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 18.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 19.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 20.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 21.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 22.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 23.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 24.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 25.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 26.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 27.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 28.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 29.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 30.0 | 99.7 | 99.8               | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 930



## CEILING VERSUS VISIBILITY

251

4-59-2555

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

TOTAL NUMBER OF OBSERVATIONS 429

USAF F-4C 0-14-57OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

• **●** **▲** **▼** **◆** **◇**

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 95.6  | 95.7  | 95.8  | 95.9  | 96.0  | 96.1  | 96.2  | 96.3  | 96.4  | 96.5  | 96.6  | 96.7  | 96.8  | 96.9  | 97.0  |
| 97.1  | 97.2  | 97.3  | 97.4  | 97.5  | 97.6  | 97.7  | 97.8  | 97.9  | 98.0  | 98.1  | 98.2  | 98.3  | 98.4  | 98.5  |
| 98.6  | 98.7  | 98.8  | 98.9  | 99.0  | 99.1  | 99.2  | 99.3  | 99.4  | 99.5  | 99.6  | 99.7  | 99.8  | 99.9  | 100.0 |
| 100.1 | 100.2 | 100.3 | 100.4 | 100.5 | 100.6 | 100.7 | 100.8 | 100.9 | 101.0 | 101.1 | 101.2 | 101.3 | 101.4 | 101.5 |
| 101.6 | 101.7 | 101.8 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 | 102.4 | 102.5 | 102.6 | 102.7 | 102.8 | 102.9 | 103.0 |
| 103.1 | 103.2 | 103.3 | 103.4 | 103.5 | 103.6 | 103.7 | 103.8 | 103.9 | 104.0 | 104.1 | 104.2 | 104.3 | 104.4 | 104.5 |
| 104.6 | 104.7 | 104.8 | 104.9 | 105.0 | 105.1 | 105.2 | 105.3 | 105.4 | 105.5 | 105.6 | 105.7 | 105.8 | 105.9 | 106.0 |
| 106.1 | 106.2 | 106.3 | 106.4 | 106.5 | 106.6 | 106.7 | 106.8 | 106.9 | 107.0 | 107.1 | 107.2 | 107.3 | 107.4 | 107.5 |
| 107.6 | 107.7 | 107.8 | 107.9 | 108.0 | 108.1 | 108.2 | 108.3 | 108.4 | 108.5 | 108.6 | 108.7 | 108.8 | 108.9 | 109.0 |
| 109.1 | 109.2 | 109.3 | 109.4 | 109.5 | 109.6 | 109.7 | 109.8 | 109.9 | 110.0 | 110.1 | 110.2 | 110.3 | 110.4 | 110.5 |
| 110.6 | 110.7 | 110.8 | 110.9 | 111.0 | 111.1 | 111.2 | 111.3 | 111.4 | 111.5 | 111.6 | 111.7 | 111.8 | 111.9 | 112.0 |
| 112.1 | 112.2 | 112.3 | 112.4 | 112.5 | 112.6 | 112.7 | 112.8 | 112.9 | 113.0 | 113.1 | 113.2 | 113.3 | 113.4 | 113.5 |
| 113.6 | 113.7 | 113.8 | 113.9 | 114.0 | 114.1 | 114.2 | 114.3 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 | 115.0 |
| 115.1 | 115.2 | 115.3 | 115.4 | 115.5 | 115.6 | 115.7 | 115.8 | 115.9 | 116.0 | 116.1 | 116.2 | 116.3 | 116.4 | 116.5 |
| 116.6 | 116.7 | 116.8 | 116.9 | 117.0 | 117.1 | 117.2 | 117.3 | 117.4 | 117.5 | 117.6 | 117.7 | 117.8 | 117.9 | 118.0 |
| 118.1 | 118.2 | 118.3 | 118.4 | 118.5 | 118.6 | 118.7 | 118.8 | 118.9 | 119.0 | 119.1 | 119.2 | 119.3 | 119.4 | 119.5 |
| 119.6 | 119.7 | 119.8 | 119.9 | 120.0 | 120.1 | 120.2 | 120.3 | 120.4 | 120.5 | 120.6 | 120.7 | 120.8 | 120.9 | 121.0 |
| 121.1 | 121.2 | 121.3 | 121.4 | 121.5 | 121.6 | 121.7 | 121.8 | 121.9 | 122.0 | 122.1 | 122.2 | 122.3 | 122.4 | 122.5 |
| 122.6 | 122.7 | 122.8 | 122.9 | 123.0 | 123.1 | 123.2 | 123.3 | 123.4 | 123.5 | 123.6 | 123.7 | 123.8 | 123.9 | 124.0 |
| 124.1 | 124.2 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.8 | 124.9 | 125.0 | 125.1 | 125.2 | 125.3 | 125.4 | 125.5 |
| 125.6 | 125.7 | 125.8 | 125.9 | 126.0 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.6 | 126.7 | 126.8 | 126.9 | 127.0 |
| 127.1 | 127.2 | 127.3 | 127.4 | 127.5 | 127.6 | 127.7 | 127.8 | 127.9 | 128.0 | 128.1 | 128.2 | 128.3 | 128.4 | 128.5 |
| 128.6 | 128.7 | 128.8 | 128.9 | 129.0 | 129.1 | 129.2 | 129.3 | 129.4 | 129.5 | 129.6 | 129.7 | 129.8 | 129.9 | 130.0 |
| 130.1 | 130.2 | 130.3 | 130.4 | 130.5 | 130.6 | 130.7 | 130.8 | 130.9 | 131.0 | 131.1 | 131.2 | 131.3 | 131.4 | 131.5 |
| 131.6 | 131.7 | 131.8 | 131.9 | 132.0 | 132.1 | 132.2 | 132.3 | 132.4 | 132.5 | 132.6 | 132.7 | 132.8 | 132.9 | 133.0 |
| 133.1 | 133.2 | 133.3 | 133.4 | 133.5 | 133.6 | 133.7 | 133.8 | 133.9 | 134.0 | 134.1 | 134.2 | 134.3 | 134.4 | 134.5 |
| 134.6 | 134.7 | 134.8 | 134.9 | 135.0 | 135.1 | 135.2 | 135.3 | 135.4 | 135.5 | 135.6 | 135.7 | 135.8 |       |       |

TOTAL NUMBER OF OBSERVATIONS 22



## CEILING VERSUS VISIBILITY

74-22

401

## 1456-1457

TOTAL NUMBER OF OBSERVATIONS 12 R





## CEILING VERSUS VISIBILITY

11-2

4-11-2000

[illegible]TOTAL NUMBER OF OBSERVATIONS 186

## CEILING VERSUS VISIBILITY

74-23

427

44-38861

[illegible]TOTAL NUMBER OF OBSERVATIONS 224

1. MAINTENANCE

24-22

- ۲۰ -

$$x_{11} = 100$$

• • • • •

TOTAL NUMBER OF OBSERVATIONS 157

... .. A ...

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO PRESS

74-23

242

100-214

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a placebo (P) and the experimental group received a 10% solution of the active ingredient (A). The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a placebo (P) and the experimental group received a 10% solution of the active ingredient (A). The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a placebo (P) and the experimental group received a 10% solution of the active ingredient (A).

[illegible]TOTAL NUMBER OF OBSERVATIONS 80

CLIMATE DATA  
 1. DATE: 10/15/64

USE WITH CAUTION  
 SEE FIRST PAGE

# SKY COVER

STATION

STATION NAME

74-1

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

| MONTH  | HOURS | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |   |     |   |   |   |   |   |      | MEAN<br>SKY COVER | TOTAL<br>OCCURRENCE |
|--------|-------|---|-----|---|-----|---|---|---|---|---|------|-------------------|---------------------|
|        |       | 0   | 1   | 2 | 3   | 4 | 5 | 6 | 7 | 8 | 9    |                   |                     |
| -      | -     |   |     |   |     |   |   |   |   |   |      |                   |                     |
| -      | -     | 4.0   |     |   | 0.7 |   |   |   |   |   | 6.0  | 7.4               | 1.1                 |
| -      | -     | 4.0   |     |   | 0.7 |   |   |   |   |   | 17.0 | 0.0               | 0.7                 |
| -      | -     | 11.0  | 1.0 |   | 0.0 |   |   |   |   |   | 15.0 | 4.0               | 0.0                 |
| 1      | -     | 3.0   |     |   | 0.7 |   |   |   |   |   | 15.0 | 4.0               | 0.0                 |
| 1      | -     | 2.0   |     |   | 0.0 |   |   |   |   |   | 14.0 | 4.0               | 0.0                 |
| 1      | -     | 4.0   |     |   | 0.7 |   |   |   |   |   | 13.0 | 0.3               | 0.0                 |
| 1      | -     | 7.0   |     |   | 0.7 |   |   |   |   |   | 0.0  | 0.0               | 0.0                 |
| TOTALS |       | 4.0   |     |   | 0.7 |   |   |   |   |   | 11.0 | 7.0               | 0.0                 |

USAFETAC

FORM  
 JUL 64

0 9 5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. STATION NAME

2. DATE

3. TIME

USE WITH CAUTION  
SEE FIRST PAGE

SKY COVER

4. LOCATION

5. DATE

6. TIME

7. NAME

8. NAME

9. NAME

10. NAME

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>LAST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      |     |     | TOTAL<br>PERCENTAGE<br>OCCURRENCE |
|--------|---------------|---|---|---|------|---|---|---|---|---|------|-----|-----|-----------------------------------|
|        |               | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10  | 11  |                                   |
| 1-10   |               |   |   |   |      |   |   |   |   |   |      |     |     |                                   |
| 1-11   | 44.7          |   |   |   | 1.0  |   |   |   |   |   | 2.0  | 2.0 | 2.0 | 37.7                              |
| 1-12   | 47.6          |   |   |   | 4.0  |   |   |   |   |   | 2.0  | 3.0 | 2.0 | 47.6                              |
| 1-13   | 47.1          |   |   |   | 44.0 |   |   |   |   |   | 8.0  | 3.0 | 2.0 | 67.0                              |
| 1-14   | 2.0           |   |   |   | 5.0  |   |   |   |   |   | 11.0 | 3.0 | 2.0 | 23.0                              |
| 1-17   | 37.7          |   |   |   | 1.0  |   |   |   |   |   | 15.0 | 3.0 | 2.0 | 21.0                              |
| 1-20   | 41.0          |   |   |   | 4.0  |   |   |   |   |   | 11.0 | 3.0 | 2.0 | 20.0                              |
| 1-23   | 7.0           |   |   |   | 2.0  |   |   |   |   |   |      |     | 2.0 | 4.0                               |
| TOTALS | 47.6          |   |   |   | 44.1 |   |   |   |   |   | 6.4  | 2.7 | 2.4 | 44.2                              |

USAFETAC

FORM  
JUL 64

0 9 5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DEPARTMENT OF THE ARMY  
 FORM 12-64  
 1-64

USE WITH CAUTION  
 SEE FIRST PAGE

# SKY COVER

STATION NO. 100 STATION NAME 100 DATE 100

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTH | TOTAL<br>HOURS |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|---------------|----------------|
|        |              | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10            |                |
| -10    | -10          |   |   |   |      |   |   |   |   |   |      |               |                |
| -10    | -10          | 47.6  |   |   | 47.6 |   |   |   |   |   | 17.1 | 1.7           | 7.1            |
| -10    | -10          | 51.1  |   |   | 74.4 |   |   |   |   |   | 17.2 | 1.7           | 7.2            |
| -11    | -11          | 47.6  |   |   | 37.8 |   |   |   |   |   | 17.1 | 1.7           | 7.1            |
| 1-14   | 1-14         | 7.6   |   |   | 47.6 |   |   |   |   |   | 17.1 | 1.7           | 7.1            |
| 1-17   | 1-17         | 37.8  |   |   | 47.6 |   |   |   |   |   | 17.4 | 1.7           | 7.2            |
| 1-20   | 1-20         | 47.6  |   |   | 47.6 |   |   |   |   |   | 17.4 | 1.7           | 7.2            |
| 1-27   | 1-27         | 57.6  |   |   | 27.8 |   |   |   |   |   | 17.7 | 1.7           | 7.2            |
| TOTALS |              | 47.6  |   |   | 9    |   |   |   |   |   | 17.2 | 1.1           | 47.6           |

U.S. AIR FORCE  
CLIMATE DIVISION  
WASH. D.C.

USE WITH CAUTION  
SEE FIRST PAGE

# SKY COVER

STATION NAME

FIG. 1

DATE

STATION

STATION NAME

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>SKY COVER | TOTAL |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|-------------------|-------|
|        |              | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                   |       |
| 7-8    | 44.1         |   |   |   | 1.1  |   |   |   |   |   | 17.1 | 1.7               | 2.7   |
| 8-9    | 7.1          |   |   |   | 3.1  |   |   |   |   |   | 11.7 | 1.1               | 2.1   |
| 9-10   | 47.2         |   |   |   | 4.1  |   |   |   |   |   | 12.2 | 1.2               | 2.2   |
| 10-11  | 3.1          |   |   |   | 4.1  |   |   |   |   |   | 14.7 | 2.1               | 2.1   |
| 11-12  | 37.1         |   |   |   | 1.1  |   |   |   |   |   | 12.4 | 2.1               | 2.1   |
| 12-1   | 47.1         |   |   |   | 47.1 |   |   |   |   |   | 11.1 | 1.2               | 2.1   |
| 1-2    | 46.2         |   |   |   | 2.1  |   |   |   |   |   | 2.1  | 1.1               | 1.1   |
| TOTALS |              | 4.1   |   |   | 21.4 |   |   |   |   |   | 11.2 | 1.1               | 2.4   |

USAFETAC

FORM  
JUL 64

0-9.5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## SKY COVER

75-64

• • • • •

**Synthesis of S-AMC**

552

54

• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |      |     | TOTAL |      |   |
|--------|--------------|---|---|---|------|---|---|---|---|------|-----|-------|------|---|
|        |              | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8    | 9   | 10    | %    | # |
| 1-1    | -1           |   |   |   |      |   |   |   |   |      |     |       |      |   |
| 1-1    | -1           | 37.1  |   |   | 41.3 |   |   |   |   | 15.4 | 3.1 | 1.1   | 37.1 |   |
| 1-1    | -1           | 39.1  |   |   | 41.3 |   |   |   |   | 17.1 | 6.1 | 1.1   | 37.1 |   |
| 1-1    | -1           | 34.1  |   |   | 41.3 |   |   |   |   | 17.1 | 4.1 | 1.4   | 37.1 |   |
| 1-1    | -1           | 24.7  |   |   | 41.3 |   |   |   |   | 15.4 | 5.1 | 1.1   | 37.1 |   |
| 1-1    | -1           | 25.6  |   |   | 41.3 |   |   |   |   | 15.4 | 6.6 | 3.1   | 37.1 |   |
| 1-1    | -1           | 32.4  |   |   | 41.3 |   |   |   |   | 15.4 | 5.1 | 1.4   | 37.1 |   |
| 1-1    | -1           | 27.1  |   |   | 15.3 |   |   |   |   | 5.1  | 2.1 | 1.1   | 41.3 |   |
| TOTALS |              | 37.1  |   |   | 41.3 |   |   |   |   | 15.4 | 5.1 | 3.1   | 41.3 |   |

ADDITIONAL DATA  
 DATE  
 NAME

# SKY COVER

USE WITH CAUTION  
 SEE FIRST PAGE

STATION NAME

7-1-64

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS<br>LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | TOTAL |         |       |
|-------|--------------|---|---|---|------|---|---|---|---|---|------|-------|---------|-------|
|       |              | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10    | PERCENT | TOTAL |
| -10   | -0           |   |   |   |      |   |   |   |   |   |      |       |         |       |
| -9    | -1           | 51.   |   |   | 21.0 |   |   |   |   |   | 27.0 | 9.0   | 4.0     | 11    |
| -8    | -2           | 52.0  |   |   | 4.1  |   |   |   |   |   | 17.0 | 7.7   | 1.0     | 80    |
| -11   | -3           | 20.7  |   |   | 14.1 |   |   |   |   |   | 27.0 | 9.9   | 4.0     | 84    |
| 1     | -4           | 21.   |   |   | 40.7 |   |   |   |   |   | 27.0 | 9.7   | 4.0     | 84    |
| 1     | -5           | 20.7  |   |   | 40.7 |   |   |   |   |   | 27.7 | 1.1   | 4.0     | 84    |
| 1     | -6           | 15.7  |   |   | 14.7 |   |   |   |   |   | 21.0 | 9.9   | 4.1     | 54    |
| 1     | -7           | 40.   |   |   | 1.0  |   |   |   |   |   | 15.6 | 7.0   | 1.0     | 240   |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |
|       |              |   |   |   |      |   |   |   |   |   |      |       |         |       |

## SKY COVER

| MONTH  | HOURS<br>LST. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |     |   |   |   |   |   |      | MEAN<br>NUMBER OF<br>HOURS PER<br>MONTH | TOTAL<br>NUMBER OF<br>HOURS |      |
|--------|---------------|---|---|---|-----|---|---|---|---|---|------|---|-----------------------------|------|
|        |               | 0   | 1 | 2 | 3   | 4 | 5 | 6 | 7 | 8 | 9    |   |                             | 10   |
| 1-1    | 10.0          |   |   |   | 1.7 |   |   |   |   |   | 17.1 | 13.1                                    | 1.7                         | 41.9 |
| 2-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 3-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 4-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 5-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 6-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 7-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 8-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 9-1    | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 10-1   | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 11-1   | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| 12-1   | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |
| TOTALS | 11.0          |   |   |   | 1.7 |   |   |   |   |   | 11.1 | 11.1                                    | 1.7                         | 41.9 |

U.S. AIR FORCE  
 FORM 1-64

USE WITH CAUTION  
 SEE FIRST PAGE

# SKY COVER

STATION NAME

DATE

TIME

LOCATION

TIME

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

| MONTH | HOURS<br>LIST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |     |   |   |   |   |   |     | MEAN<br>PERCENTAGE<br>SKY COVER | TOTAL<br>OCCURRENCE |
|-------|---------------|---|---|---|-----|---|---|---|---|---|-----|---------------------------------|---------------------|
|       |               | 0   | 1 | 2 | 3   | 4 | 5 | 6 | 7 | 8 | 9   |                                 |                     |
|       | 00-01         |   |   |   |     |   |   |   |   |   |     |                                 |                     |
|       | 01-02         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 02-03         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 03-04         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 04-05         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 05-06         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 06-07         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 07-08         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 08-09         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 09-10         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 10-11         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 11-12         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 12-13         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 13-14         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 14-15         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 15-16         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 16-17         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 17-18         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 18-19         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 19-20         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 20-21         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 21-22         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 22-23         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | 23-24         | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |
|       | TOTALS        | 1.0   |   |   | 1.0 |   |   |   |   |   | 1.0 | 2.0                             | 2.0                 |

USAFETAC

FORM  
 JUL 64

0 9 5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SKY COVER

75-114

DATA ANALYSIS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>ILST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | TOTAL |      |
|-------|---------------|---|---|---|------|---|---|---|---|---|------|-------|------|
|       |               | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10    | 11   |
| 1-7   |               |   |   |   |      |   |   |   |   |   |      |       |      |
| 8-13  | 54.6          |   |   |   | 31.4 |   |   |   |   |   |      | 10.1  | 4.7  |
| 14-20 | 23.7          |   |   |   | 31.7 |   |   |   |   |   | 11.6 | 13.6  | 46.5 |
| 21-27 | 17.7          |   |   |   | 30.7 |   |   |   |   |   | 17.7 | 22.4  | 50.1 |
| 28-31 | 16.4          |   |   |   | 30.9 |   |   |   |   |   | 17.4 | 22.4  | 50.2 |
| 1-12  | 13.4          |   |   |   | 31.2 |   |   |   |   |   | 20.1 | 22.5  | 42.6 |
| 13-24 | 24.1          |   |   |   | 31.3 |   |   |   |   |   | 21.6 | 18.7  | 40.3 |
| 25-31 | 34.1          |   |   |   | 31.2 |   |   |   |   |   | 16.7 | 15.6  | 32.3 |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |
|       |               |   |   |   |      |   |   |   |   |   |      |       |      |

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

| <u>EIGHTS</u>   | <u>TENTHS</u> |
|-----------------|---------------|
| 0               | 0             |
| 1               | 1             |
| 2               | 3             |
| 3               | 4             |
| 4               | 5             |
| 5               | 6             |
| 6               | 8             |
| 7               | 9             |
| 8 (or obscured) | 10            |

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10  
Scattered was converted to 3/10  
Broken was converted to 9/10  
Overcast was converted to 10/10  
Obscured was converted to 10/10

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

- 1 - 22 -

TOTAL NUMBER OF OBSERVATIONS 22

ALCITY TELETYPE UNIT

740

DATE OF SERVICE

# CEILING VERSUS VISIBILITY

STATION NAME

74-12

010

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1000-00

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50  | 20  | 10  | 5   | 2   | 1   | 0   |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000    | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 900     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 800     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 700     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 600     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 500     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 400     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 300     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 200     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100     | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50      | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20      | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10      | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5       | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2       | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1       | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0       | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS



## CEILING VERSUS VISIBILITY

74-33

242

15-5-170

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 6

USAF F-4C 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

240

1-2-1.

|     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 4.0 | 4.7  | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| 4.1 | 45.1 | 85.6 | 85.6 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| 4.2 | 45.4 | 85.9 | 85.9 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| 4.3 | 45.6 | 86.2 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| 4.4 | 47.7 | 88.3 | 88.3 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 4.5 | 47.2 | 88.3 | 88.3 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 4.6 | 47.5 | 88.9 | 88.9 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 4.7 | 47.9 | 92.5 | 92.5 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 4.8 | 48.6 | 93.1 | 93.1 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 4.9 | 48.3 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 5.0 | 48.3 | 94.8 | 94.8 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 5.1 | 48.2 | 95.7 | 95.7 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 5.2 | 48.3 | 95.8 | 95.8 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 5.3 | 48.5 | 97.1 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 5.4 | 47.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 5.5 | 47.2 | 97.9 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 5.6 | 47.5 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 5.7 | 47.2 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 5.8 | 47.2 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 5.9 | 47.9 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 6.0 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.1 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.2 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.3 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.4 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.5 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.6 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.7 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.8 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 6.9 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 7.0 | 48.1 | 98.8 | 98.8 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



USE WITH CAUTION  
SEE FIRST PAGE

### SKY COVER

| STATE | DATE     | TIME  | NAME | ADDRESS | CITY | STATE | ZIP |
|-------|----------|-------|------|---------|------|-------|-----|
| AL    | 10/15/78 | 10:00 | AL   | AL      | AL   | AL    | AL  |

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS:

[illegible]

1977 32 111 114

## SKY COVER

74 -

$$= r$$

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily HIGH temperatures (for available observations)
- b. Daily LOW temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma x$ ). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

AL CLIMATOLOGY BRANCH  
ETAC

STATION NAME

74-64

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

| TEMP °F | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1       |       |       |       |       |       |       | 2.0   | .6    |       |       |       |       | .2     |
| 10      |       |       |       |       | 1.7   | 15.0  | 42.0  | 28.2  | 9.8   | 1.3   |       |       | 1.7    |
| 20      |       |       |       | .3    | 5.0   | 31.7  | 70.4  | 58.6  | 38.5  | 3.2   |       |       | 17.2   |
| 30      |       |       |       | 1.3   | 21.4  | 62.1  | 89.3  | 78.0  | 59.5  | 11.3  |       |       | 27.3   |
| 40      |       |       |       | 6.3   | 39.4  | 80.7  | 99.0  | 92.6  | 74.3  | 22.3  | .7    |       | 35.1   |
| 50      |       |       | .7    | 18.8  | 56.1  | 90.0  | 100.0 | 90.4  | 64.5  | 46.1  | 4.4   |       | 42.2   |
| 60      |       | 3.5   | 9.8   | 35.2  | 71.3  | 96.7  |       | 95.4  | 93.6  | 65.8  | 16.9  | 2.1   | 48.9   |
| 70      | 3.7   | 14.5  | 22.4  | 51.0  | 91.3  | 98.7  | 100.0 | 97.3  | 91.6  | 74.1  | 9.8   | 51.5  | 60.2   |
| 80      | 16.3  | 35.1  | 39.6  | 66.4  | 92.6  | 100.0 |       | 100.0 | 92.6  | 57.1  | 32.8  | 60.2  | 60.2   |
| 90      | 40.9  | 58.2  | 61.7  | 81.9  | 97.4  |       |       |       | 98.7  | 77.7  | 42.5  | 60.3  | 60.3   |
| 100     | 72.7  | 79.1  | 85.7  | 95.0  | 99.3  |       |       |       | 100.0 | 89.2  | 72.3  | 60.4  | 60.4   |
| 110     | 85.0  | 93.3  | 96.1  | 99.3  | 100.0 |       |       |       |       | 96.6  | 89.1  | 60.7  | 60.7   |
| 120     | 95.0  | 95.2  | 99.0  | 99.7  |       |       |       |       |       | 99.7  | 96.8  | 60.1  | 60.1   |
| 130     | 99.3  | 99.6  | 100.0 | 100.0 |       |       |       |       |       | 100.0 | 98.9  | 60.8  | 60.8   |
| 140     | 100.0 | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 100.0 | 100.0  |

|           |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN      | 57.3 | 61.1 | 62.5 | 69.6 | 75.4 | 82.8 | 87.5 | 95.1 | 89.9 | 78.2 | 66.3 | 58.8 | 55.6 |
| SD        | 7.3  | 7.6  | 7.5  | 9.8  | 10.3 | 8.0  | 5.9  | 6.9  | 8.7  | 8.9  | 9.5  | 7.7  | 10.4 |
| TOTAL OBS | 31   | 28   | 31   | 28   | 31   | 30   | 30   | 30   | 29   | 31   | 29   | 29   | 30   |

USAFETAC 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1. STATION NAME

2. LOCATION

3. DATE OF SERVICE/MAINT

4. TIME OF DAY

5. STATION NAME

74-84

YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

1. TIME

| TEMP. °F  | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1         |       |       |       |       |       |       | 1.0   | .3    |       |       |       |       | .1     |
| 2         |       |       |       |       |       | .3    | 5.5   | 4.2   |       |       |       |       | .2     |
| 3         |       |       |       |       |       | 4.7   | 24.4  | 22.7  | 2.7   |       |       |       | 4.7    |
| 4         |       |       |       |       | 2.1   | 21.0  | 53.1  | 51.1  | 22.3  | .3    |       |       | 12.0   |
| 5         |       |       |       | .3    | 12.6  | 52.7  | 84.0  | 78.0  | 49.0  | 2.9   |       |       | 23.6   |
| 6         | .7    | 1.1   | 1.3   | 4.7   | 33.2  | 81.0  | 98.0  | 93.5  | 74.0  | 21.3  | 2.0   |       | 34.7   |
| 7         | 3.0   | 4.3   | 7.1   | 19.8  | 62.6  | 96.7  | 99.7  | 100.0 | 94.6  | 40.6  | 7.1   | 2.1   | 45.3   |
| 8         | 1.0   | 14.5  | 26.1  | 48.0  | 85.2  | 100.0 | 100.0 |       | 99.0  | 64.0  | 14.9  | 7.7   | 56.8   |
| 9         | 23.3  | 33.7  | 55.2  | 76.8  | 97.4  |       |       |       | 99.3  | 98.1  | 71.0  | 18.9  | 69.3   |
| 10        | 4.2   | 56.0  | 9.2   | 92.6  | 100.0 |       |       |       | 100.0 | 97.1  | 59.5  | 37.5  | 80.0   |
| 11        | 4.2   | 66.1  | 86.4  | 97.3  |       |       |       |       |       | 97.7  | 69.9  | 47.0  | 84.8   |
| 12        | 66.4  | 83.0  | 93.6  | 99.7  |       |       |       |       |       | 99.7  | 82.4  | 59.3  | 90.6   |
| 13        | 85.7  | 98.1  | 100.0 | 100.0 |       |       |       |       |       | 100.0 | 92.6  | 76.8  | 96.1   |
| 14        | 5.7   | 99.3  |       |       |       |       |       |       |       |       | 99.7  | 94.0  | 99.1   |
| 15        | 79.0  | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 98.6  | 99.8   |
| 16        | 100.0 |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0  |
| 17        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 18        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 19        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 20        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 21        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 22        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 23        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 24        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 25        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 26        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 27        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 28        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 29        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 30        |       |       |       |       |       |       |       |       |       |       |       |       |        |
| MEAN      | 3.1   | 36.4  | 40.0  | 44.2  | 51.3  | 59.8  | 65.3  | 64.4  | 59.1  | 47.8  | 36.5  | 31.8  | 47.5   |
| STD       | .110  | 7.281 | 6.596 | 6.115 | 6.762 | 5.634 | 5.806 | 6.090 | 6.392 | 6.977 | 7.779 | 8.369 | 13.635 |
| TOTAL OBS | 301   | 272   | 303   | 298   | 310   | 300   | 307   | 309   | 296   | 310   | 296   | 285   | 3602   |

AL CLIMATELOGY BRANCH  
 LTAC  
 AIR FORCE SERVICE/MAC  
 2 312 WARD'S AFB CA  
 STATION NAME

74-84

YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

YEAR

| TEMPERATURE | JAN  | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANN A. |
|-------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 100         |      |       |       |       | .7    | 5.5   | 3.9   |       |       |       |       |       | .9     |
| 95          |      |       |       |       | .3    | 6.7   | 29.3  | 23.3  | 3.0   |       |       |       | 5.3    |
| 90          |      |       |       |       | 3.2   | 26.3  | 66.1  | 52.8  | 27.7  |       |       |       | 14.9   |
| 85          |      |       |       | .7    | 16.1  | 60.7  | 91.9  | 82.2  | 55.7  | 6.8   |       |       | 26.5   |
| 80          |      |       |       | 2.3   | 34.0  | 93.3  | 99.3  | 97.4  | 77.0  | 15.5  |       |       | 34.6   |
| 75          |      |       | .5    | 17.4  | 61.6  | 96.3  | 100.0 | 100.0 | 93.2  | 40.6  | 1.0   |       | 43.1   |
| 70          | .7   | 2.3   | 7.5   | 33.6  | 79.1  | 99.0  |       |       | 99.1  | 75.8  | 12.5  | 1.4   | 52.1   |
| 65          | 5.7  | 16.7  | 29.9  | 62.8  | 1.6   | 100.0 |       |       | 99.7  | 89.4  | 35.1  | 8.4   | 62.1   |
| 60          | 23.5 | 48.6  | 64.6  | 85.2  | 99.1  |       |       |       | 100.0 | 96.1  | 61.5  | 29.5  | 76.3   |
| 55          | 61.5 | 77.7  | 90.6  | 98.0  | 100.0 |       |       |       |       | 100.0 | 94.5  | 56.1  | 89.3   |
| 50          | 5.0  | 95.7  | 98.4  | 99.7  |       |       |       |       |       |       | 96.6  | 82.5  | 96.6   |
| 45          | 25.7 | 99.6  | 100.0 | 100.0 |       |       |       |       |       |       | 99.7  | 96.1  | 99.3   |
| 40          | 9.0  | 100.0 |       |       |       |       |       |       |       |       | 100.0 | 98.9  | 99.8   |
| 35          | 1.0  |       |       |       |       |       |       |       |       |       |       | 100.0 | 100.0  |
| 30          |      |       |       |       |       |       |       |       |       |       |       |       |        |
| 25          |      |       |       |       |       |       |       |       |       |       |       |       |        |
| 20          |      |       |       |       |       |       |       |       |       |       |       |       |        |
| 15          |      |       |       |       |       |       |       |       |       |       |       |       |        |
| 10          |      |       |       |       |       |       |       |       |       |       |       |       |        |
| 5           |      |       |       |       |       |       |       |       |       |       |       |       |        |
| 0           |      |       |       |       |       |       |       |       |       |       |       |       |        |
| MEAN        | 47.4 | 47.1  | 51.5  | 57.1  | 66.3  | 75.6  | 81.6  | 80.1  | 74.7  | 63.2  | 51.5  | 45.6  | 51.8   |
| S.D.        | .74  | 5.53  | 5.35  | 6.81  | 7.78  | 6.16  | 5.06  | 5.66  | 6.57  | 6.55  | 6.58  | 6.46  | 14.41  |
| TOTAL OBS   | 371  | 22    | 30    | 208   | 310   | 300   | 307   | 309   | 296   | 310   | 296   | 285   | 3602   |





1. THEORY  
 2. EXPERIMENT  
 3. CONCLUSION

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

| STATION | STATION NAME | YEARS | MONTH | HOURS S. T. |
|---------|--------------|-------|-------|-------------|
|         |              |       |       |             |



USAFETAC  
FORM 0.4  
0.26.5 (OL A)  
RE-SECURE-EDITIONS OF THIS FORM ARE UNLAWFUL

[illegible]



AD-A150 888 EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS  
CLIMATE SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 84  
UNCLASSIFIED USAFETAC/DS-84/039 F/G 4/2

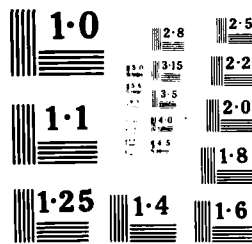
EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84  
USAFETAC/DS-84/039 F/G 4/2

UNCLASSIFIED

F/G 4/2

NL

3/4



U. S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C. 20250  
OFFICE OF THE SECRETARY

STATION

STATION NAME

76-54

YEARS

MONTH

HOURS 11 5 7 1

[illegible]

1. ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 01-01-2001 BY 60322 UCBAW

75-54

MONTH

29

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |





1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

**USAFETAC**  
FORM  
JUL 84  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-01-2001 BY 60322 UCBAW

MONTH

[illegible]



SECRET

1 3-5  
HOURS (L. S. T.)

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC  
FORM 26-5 (OL A)  
JUN 64  
RE - ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

THE UNIVERSITY OF CHICAGO  
 PRESS

HOURS L. S. T.

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE

# PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

HOUS \_\_\_\_\_

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  | TOTAL | TOTAL |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-----------|--|----------|--|----------|--|-----------|--|--|--|--|--|--|--|--|--|-------|-------|
|              | 0                                   | 1-2 | 3-4        | 5-6 | 7-8       | 9-10 | 11-12      | 13-14 | 15-16    | 17-18 | 19-20                              | 21-22       | 23-24       | 25-26       | 27-28       | 29-30       | 31    | D.B./W.B. |  | Dry Bulb |  | Wet Bulb |  | Dew Point |  |  |  |  |  |  |  |  |  |       |       |
| 67           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 68           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 69           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 70           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 71           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 72           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 73           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 74           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 75           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 76           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 77           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 78           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 79           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 80           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 81           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 82           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 83           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 84           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 85           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 86           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 87           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 88           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 89           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 90           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 91           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 92           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 93           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 94           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 95           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 96           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 97           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 98           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 99           |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| 100          |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| Element (X)  | $\Sigma X^2$                        |     | $\Sigma X$ |     | $\bar{X}$ |      | $\sigma_x$ |       | No. Obs. |       | Mean No. of Hours with Temperature |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| Rel. Hum.    |                                     |     |            |     |           |      |            |       |          |       | $\leq 0 F$                         | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| Dry Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| Wet Bulb     |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |
| Dew Point    |                                     |     |            |     |           |      |            |       |          |       |                                    |             |             |             |             |             |       |           |  |          |  |          |  |           |  |  |  |  |  |  |  |  |  |       |       |

USAFETAC FORM 0-26.5 (OL A) 84-100 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MOH

HOURS : 5

[illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MON' 1

HOJAS 5

[illegible]





# PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

1 1/2 - 1 1/2  
HOURS (L.S.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 1            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 3            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 5            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 7            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 9            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 11           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 13           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 15           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 17           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 19           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 21           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 23           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 25           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 27           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 29           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 31           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 33           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 35           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 37           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 39           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 41           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 43           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 45           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 47           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 49           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 51           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 53           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 55           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 57           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 59           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 61           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 63           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 65           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 66           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 67           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 68           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 69           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |      |      |      |      | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|------|------|------|------|-------|
|             |              |            |           |            |          | 50 F                               | 52 F | 54 F | 56 F | 58 F | 60 F  |
| Rel Hum.    | 12014        | 1017       | 57.6      | 17.81      | 42       |                                    |      |      |      |      |       |
| Dry Bulb    | 24028        | 2034       | 57.6      | 17.81      | 42       |                                    |      |      |      |      |       |
| Wet Bulb    | 24028        | 2034       | 57.6      | 17.81      | 42       |                                    |      |      |      |      |       |
| Dew Point   | 10174        | 1017       | 57.6      | 17.81      | 42       |                                    |      |      |      |      |       |

DATE: 10/10/1964

MONTH

**TOTAL**

D.B. W.B. Dry Bulb Wet Bulb Dew Point

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

MONTH

[illegible]

USAFETAC  
NORM  
JUN 84  
0-26 5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS MANUAL ARE OBSOLETE

[illegible]

MONTH

[illegible]

|         |              |       |       |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
|         |              |       |       |

[illegible]

1. 2012年12月12日，中国国务院发布《关于深化收入分配制度改革若干意见》，提出“逐步实现基本养老、基本医疗、住房保障等制度的城乡全覆盖”。

MONTH

[illegible]

FORM  
JUL 64

FORM 64

**USAFETAC**

APPROXIMATELY 1000

7 1 2 - 7 7  
HOURS (L. S. Y.)

USAFETAC  
FORM 0-26-5 (OL A)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

HOURS 1, 5, T.

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 66



AL INFORMATION WASH-  
D.C.  
FBI LABORATORY

75-24

**MONTH**

HOURS (L. S. T.)

USAFETAC  
FORM  
N. 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

|         |              |       |                  |
|---------|--------------|-------|------------------|
| STATION | STATION NAME | YEARS | MONTH            |
|         |              | 75-84 | 1975-1977        |
|         |              |       | HOURS (L. S. T.) |

[illegible]

1. ALTERNATIVE: 1000  
2. 1000  
3. 1000

|                |              |       |       |
|----------------|--------------|-------|-------|
| STATION        | STATION NAME | YEARS | MONTH |
|                |              |       |       |
| HOURS U. S. T. |              |       |       |

[illegible]

USAFETAC  
FORM 0-26-5 (OL A)  
JUL 66  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

73-114

STATION

STATION NAME

**YEARS**

MONTH

120-16  
HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 1            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 3            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 5            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 7            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 9            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 11           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 13           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 15           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 17           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 19           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 21           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 23           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 25           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 27           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 29           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 31           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 33           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 35           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

USAFETAC  
NORM  
JUL 64  
0-26-5 (OLA)  
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[illegible]

MONTH

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USAFETAC  
FORM  
JUL 64  
0-26-5 (OLA)  
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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

STATION

STATION NAME

YEARS

MONTH

| MOURES | \$ | T |
|--------|----|---|
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DATE 08-11-2010 BY SP8BJL/200

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STATION NAME

75-24

YEARS

MONTH

| HOURS | S | T |
|-------|---|---|
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USAFETAC  
FORM  
BLU 44  
0-26.5 (OL A)  
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MONTH

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USAFETAC  
FORM 0-26-5 (OLA)  
JUL 64  
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THE UNIVERSITY OF CHICAGO

MONTH

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JUL 64  
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**USAFETAC**

|         |              |       |       |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|

USAFETAC  
FORM  
JUN 64  
0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MON' 4

MOORE

[illegible]

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JUL 66

USAFETAC

USAFETAC FORM 0265 (OL A) JUL 64 RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

## PSYCHROMETRIC SUMMARY

MONTH

HOURS 5. 7

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS PUBLICATION OBSOLETE JUL 64



## PSYCHROMETRIC SUMMARY

MONTE

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[illegible]

WJPS

[illegible]

MOJRS . S

[illegible]

## PSYCHROMETRIC SUMMARY

MONTH

MOORE - 5 1 - 1

[illegible]

USAFETAC FORM 026.5 (OL A) RE-USE PREVIOUS EDITIONS OF THIS PUBLICATION

## PSYCHROMETRIC SUMMARY

MONTH

HOURS . . . S. . .

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|---------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. Wet Bulb | Wet Bulb Dew Point |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 7            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 9            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 11           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 13           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 15           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 17           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 19           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 21           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 23           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 25           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 27           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 29           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 31           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 32           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 33           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 34           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 35           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 36           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 37           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 38           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 39           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 41           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 42           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 43           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 44           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 45           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 46           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 47           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 48           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 49           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 51           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 52           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 53           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 54           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 55           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 56           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 57           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 58           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 59           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 61           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 62           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 63           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 64           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 65           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 66           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 67           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 68           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 69           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 101          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 102          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 103          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 104          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 105          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 106          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 107          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 108          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 109          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 110          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 111          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 112          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 113          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 114          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 115          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 116          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 117          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 118          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 119          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 120          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 121          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 122          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 123          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 124          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 125          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 126          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 127          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 128          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 129          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 130          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 131          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 132          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 133          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 134          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 135          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 136          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 137          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 138          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 139          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 140          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 141          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 142          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 143          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 144          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 145          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 146          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |     |               |                    |  |  |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

1. *Chlorophyll a* (Chl *a*)  
 2. *Chlorophyll b* (Chl *b*)  
 3. *Chlorophyll c* (Chl *c*)  
 4. *Chlorophyll d* (Chl *d*)  
 5. *Chlorophyll e* (Chl *e*)  
 6. *Chlorophyll f* (Chl *f*)  
 7. *Chlorophyll g* (Chl *g*)  
 8. *Chlorophyll h* (Chl *h*)  
 9. *Chlorophyll i* (Chl *i*)  
 10. *Chlorophyll j* (Chl *j*)  
 11. *Chlorophyll k* (Chl *k*)  
 12. *Chlorophyll l* (Chl *l*)  
 13. *Chlorophyll m* (Chl *m*)  
 14. *Chlorophyll n* (Chl *n*)  
 15. *Chlorophyll o* (Chl *o*)  
 16. *Chlorophyll p* (Chl *p*)  
 17. *Chlorophyll q* (Chl *q*)  
 18. *Chlorophyll r* (Chl *r*)  
 19. *Chlorophyll s* (Chl *s*)  
 20. *Chlorophyll t* (Chl *t*)  
 21. *Chlorophyll u* (Chl *u*)  
 22. *Chlorophyll v* (Chl *v*)  
 23. *Chlorophyll w* (Chl *w*)  
 24. *Chlorophyll x* (Chl *x*)  
 25. *Chlorophyll y* (Chl *y*)  
 26. *Chlorophyll z* (Chl *z*)  
 27. *Chlorophyll aa* (Chl *aa*)  
 28. *Chlorophyll ab* (Chl *ab*)  
 29. *Chlorophyll ac* (Chl *ac*)  
 30. *Chlorophyll ad* (Chl *ad*)  
 31. *Chlorophyll ae* (Chl *ae*)  
 32. *Chlorophyll af* (Chl *af*)  
 33. *Chlorophyll ag* (Chl *ag*)  
 34. *Chlorophyll ah* (Chl *ah*)  
 35. *Chlorophyll ai* (Chl *ai*)  
 36. *Chlorophyll aj* (Chl *aj*)  
 37. *Chlorophyll ak* (Chl *ak*)  
 38. *Chlorophyll al* (Chl *al*)  
 39. *Chlorophyll am* (Chl *am*)  
 40. *Chlorophyll an* (Chl *an*)  
 41. *Chlorophyll ao* (Chl *ao*)  
 42. *Chlorophyll ap* (Chl *ap*)  
 43. *Chlorophyll aq* (Chl *aq*)  
 44. *Chlorophyll ar* (Chl *ar*)  
 45. *Chlorophyll as* (Chl *as*)  
 46. *Chlorophyll at* (Chl *at*)  
 47. *Chlorophyll au* (Chl *au*)  
 48. *Chlorophyll av* (Chl *av*)  
 49. *Chlorophyll aw* (Chl *aw*)  
 50. *Chlorophyll ax* (Chl *ax*)  
 51. *Chlorophyll ay* (Chl *ay*)  
 52. *Chlorophyll az* (Chl *az*)  
 53. *Chlorophyll aza* (Chl *aza*)  
 54. *Chlorophyll abz* (Chl *abz*)  
 55. *Chlorophyll acz* (Chl *acz*)  
 56. *Chlorophyll adz* (Chl *adz*)  
 57. *Chlorophyll aez* (Chl *aez*)  
 58. *Chlorophyll afz* (Chl *afz*)  
 59. *Chlorophyll agz* (Chl *agz*)  
 60. *Chlorophyll ahz* (Chl *ahz*)  
 61. *Chlorophyll aiz* (Chl *aiz*)  
 62. *Chlorophyll ajz* (Chl *ajz*)  
 63. *Chlorophyll akz* (Chl *akz*)  
 64. *Chlorophyll alz* (Chl *alz*)  
 65. *Chlorophyll amz* (Chl *amz*)  
 66. *Chlorophyll anz* (Chl *anz*)  
 67. *Chlorophyll aoz* (Chl *aoz*)  
 68. *Chlorophyll apz* (Chl *apz*)  
 69. *Chlorophyll aqz* (Chl *aqz*)  
 70. *Chlorophyll arz* (Chl *arz*)  
 71. *Chlorophyll asz* (Chl *asz*)  
 72. *Chlorophyll atz* (Chl *atz*)  
 73. *Chlorophyll auz* (Chl *auz*)  
 74. *Chlorophyll avz* (Chl *avz*)  
 75. *Chlorophyll awz* (Chl *awz*)  
 76. *Chlorophyll axz* (Chl *axz*)  
 77. *Chlorophyll ayz* (Chl *ayz*)  
 78. *Chlorophyll ayz* (Chl *ayz*)  
 79. *Chlorophyll azz* (Chl *azz*)  
 80. *Chlorophyll azaa* (Chl *aza*)  
 81. *Chlorophyll abz* (Chl *abz*)  
 82. *Chlorophyll acz* (Chl *acz*)  
 83. *Chlorophyll adz* (Chl *adz*)  
 84. *Chlorophyll aez* (Chl *aez*)  
 85. *Chlorophyll afz* (Chl *afz*)  
 86. *Chlorophyll agz* (Chl *agz*)  
 87. *Chlorophyll ahz* (Chl *ahz*)  
 88. *Chlorophyll aiz* (Chl *aiz*)  
 89. *Chlorophyll ajz* (Chl *ajz*)  
 90. *Chlorophyll akz* (Chl *akz*)  
 91. *Chlorophyll alz* (Chl *alz*)  
 92. *Chlorophyll amz* (Chl *amz*)  
 93. *Chlorophyll anz* (Chl *anz*)  
 94. *Chlorophyll aoz* (Chl *aoz*)  
 95. *Chlorophyll apz* (Chl *apz*)  
 96. *Chlorophyll aqz* (Chl *aqz*)  
 97. *Chlorophyll arz* (Chl *arz*)  
 98. *Chlorophyll asz* (Chl *asz*)  
 99. *Chlorophyll atz* (Chl *atz*)  
 100. *Chlorophyll auz* (Chl *auz*)  
 101. *Chlorophyll avz* (Chl *avz*)  
 102. *Chlorophyll awz* (Chl *awz*)  
 103. *Chlorophyll axz* (Chl *axz*)  
 104. *Chlorophyll ayz* (Chl *ayz*)  
 105. *Chlorophyll ayz* (Chl *ayz*)  
 106. *Chlorophyll ayz* (Chl *ayz*)  
 107. *Chlorophyll ayz* (Chl *ayz*)  
 108. *Chlorophyll ayz* (Chl *ayz*)  
 109. *Chlorophyll ayz* (Chl *ayz*)  
 110. *Chlorophyll ayz* (Chl *ayz*)  
 111. *Chlorophyll ayz* (Chl *ayz*)  
 112. *Chlorophyll ayz* (Chl *ayz*)  
 113. *Chlorophyll ayz* (Chl *ayz*)  
 114. *Chlorophyll ayz* (Chl *ayz*)  
 115. *Chlorophyll ayz* (Chl *ayz*)  
 116. *Chlorophyll ayz* (Chl *ayz*)  
 117. *Chlorophyll ayz* (Chl *ayz*)  
 118. *Chlorophyll ayz* (Chl *ayz*)  
 119. *Chlorophyll ayz* (Chl *ayz*)  
 120. *Chlorophyll ayz* (Chl *ayz*)  
 121. *Chlorophyll ayz* (Chl *ayz*)  
 122. *Chlorophyll ayz* (Chl *ayz*)  
 123. *Chlorophyll ayz* (Chl *ayz*)  
 124. *Chlorophyll ayz* (Chl *ayz*)  
 125. *Chlorophyll ayz* (Chl *ayz*)  
 126. *Chlorophyll ayz* (Chl *ayz*)  
 127. *Chlorophyll ayz* (Chl *ayz*)  
 128. *Chlorophyll ayz* (Chl *ayz*)  
 129. *Chlorophyll ayz* (Chl *ayz*)  
 130. *Chlorophyll ayz* (Chl *ayz*)  
 131. *Chlorophyll ayz* (Chl *ayz*)  
 132. *Chlorophyll ayz* (Chl *ayz*

MONTI

MOORE, J. S. 1

USAFETAC FORM 0-26.5 (OLA) 88-152 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 HOURS \_\_\_\_\_

| Temp<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL<br>D.B.-W.B. |          |          | TOTAL<br>Wet Bulb Dew Point |  |  |
|-------------|-------------------------------------|---|------------|---|-----------|---|------------|---|----------|---|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|----------|----------|-----------------------------|--|--|
|             | 0                                   | 1 | 2          | 3 | 4         | 5 | 6          | 7 | 8        | 9 | 10                                 | 11          | 12          | 13          | 14          | 15          | 16    | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31                 | Dry Bulb | Wet Bulb | Dew Point                   |  |  |
| 70          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 71          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 72          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 73          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 74          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 75          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 76          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 77          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 78          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 79          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 80          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 81          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 82          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 83          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 84          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 85          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 86          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 87          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 88          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 89          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 90          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 91          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 92          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 93          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 94          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 95          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 96          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 97          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 98          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 99          |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| 100         |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| Element (X) | $\Sigma X^2$                        |   | $\Sigma X$ |   | $\bar{X}$ |   | $\sigma^2$ |   | No. Obs. |   | Mean No. of Hours with Temperature |             |             |             |             |             | Total |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| Rel. Hum.   |                                     |   |            |   |           |   |            |   |          |   | $\leq 0 F$                         | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| Dry Bulb    |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| Wet Bulb    |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |
| Dew Point   |                                     |   |            |   |           |   |            |   |          |   |                                    |             |             |             |             |             |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                    |          |          |                             |  |  |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

RECEIVED  
JAN 10 1964

MONTH

[illegible]

FORM  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 64

USAFETAC



**THE UNIVERSITY OF CHICAGO**

MONTH

100

USAFETAC  
FORM 0-26-5 (OLA)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC  
FORM 204  
JUL 64  
0-26.5 (OL A)  
20-SEC PRE-FLASH EDITIONS OF THIS PAMPHLET AVAILABLE

# PSYCHROMETRIC SUMMARY

STATION NAME  
STATION NUMBER

STATION LOCATION  
STATION NAME  
YEARS  
MONTH

HOURS (L.S.T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|----|------------|----------|----------|-----------|--|--|--|--|------------------------------------|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10       | 11-12 | 13-14 | 15-16 | 17-18 | 19-20     | 21-22 | 23-24 | 25-26 | 27-28 | 29-30      | 31 | D.B., W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 67           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 68           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 69           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 70           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 71           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 72           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 73           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 74           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 75           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 76           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 77           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 78           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 79           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 80           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 81           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 82           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 83           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 84           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 85           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 86           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 87           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 88           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 89           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 90           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 91           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 92           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 93           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 94           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 95           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 96           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 97           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 98           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 99           |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| 100          |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| Element (X)  | $\Sigma X^2$                        |     |     |     |     | $\Sigma X$ |       |       |       |       | $\bar{X}$ |       |       |       |       | $\sigma^2$ |    |            |          |          | No. Obs.  |  |  |  |  | Mean No. of Hours with Temperature |  |  |  |  |  | Total |  |       |  |
| Rel. Hum.    |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| Dry Bulb     |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| Wet Bulb     |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |
| Dew Point    |                                     |     |     |     |     |            |       |       |       |       |           |       |       |       |       |            |    |            |          |          |           |  |  |  |  |                                    |  |  |  |  |  |       |  |       |  |

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

|         |              |       |           |
|---------|--------------|-------|-----------|
| STATION | STATION NAME | YEARS | MONTH     |
|         |              |       | HOURS S Y |

USAFETAC  
FORM  
JUL 84  
0265 (ULA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
HOURS \_\_\_\_\_

USAFETAC  
FORM  
0-26.5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
MAY 64

1. NAME OF CLIMATE LOG STATION  
2. LOCATION  
3. DATE OF OBSERVATION

# PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        | Total  |  |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|--|
|             |              |            |           |            |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |  |
| Rel. Hum.   | 344.72       | 447.31     | 47.71     | 5.792      | 93       |                                    |        |        |        |        |        |  |
| Dry Bulb    | 377.4        | 500.7      | 52.7      | 3.437      | 93       |                                    |        | 0.7    | 7.1    | 1.0    |        |  |
| Wet Bulb    | 264.71       | 455.7      | 49.0      | 5.384      | 93       |                                    |        |        |        |        |        |  |
| Dew Point   | 140.104      | 355.7      | 38.2      | 7.106      | 930      |                                    | 19.0   |        |        |        |        |  |

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## PSYCHROMETRIC SUMMARY

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
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ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-25-2001 BY 60322 UCBAW

MONTH

**TOTAL**

D.B. W.B. Dry Bulb Wet Bulb Dew Point

[illegible]

# PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Element      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | Total |  |       |  |  |
| Rel Hum      |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Dry Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Wet Bulb     |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Dew Point    |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |

USAFETAC FORM 0265 (OL A) 11-54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO

MONTH

HOURS 11 57

[illegible]

## PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH | HOURS U. S. T. |
|---------|--------------|-------|-------|----------------|
|---------|--------------|-------|-------|----------------|

[illegible]

USAFETAC  
PC-2000  
0205 (CUL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 04

1. THE STATE OF TEXAS, County of EL PASO, do hereby certify that  
 the within and foregoing is a true and correct copy of the original  
 of the same as the same appears from the records of the County Clerk  
 of said County.

MONTH

HOURS: 5.7

[illegible]



## PSYCHROMETRIC SUMMARY

MONTE

MOUSE

[illegible]

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MONTH

HOURS 11 5 2

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC  
FORM 0-26-5 (OLA)  
JUL 64  
REPLACE PREVIOUS EDITIONS OF THIS FORM AND SUBMIT

[illegible]



## PSYCHROMETRIC SUMMARY

MONTH

HOURS S. Y.

[illegible]

## PSYCHROMETRIC SUMMARY

MONTH

1 1/2 - 1 3/4  
HOURS 1 5

[illegible]

**USAFETAC** FORM 0 26 5 (OL A)  
JUL 84  
RE-SEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

[illegible]

USAFETAC FORM 0265 (OL A)  
RE-SECURITY GROUPS OF THIS NATURE ARE UNLAWFUL  
JUL 64

**USAFETAC** FORM  
JUL 64 0-265 (OLA)  
RECEIVED AIRCRAFT ENGINEERING DIVISION JUL 64

STAT 2N

STATION NAME

YEARS

**MONTI**

HOURS 5

[illegible]



## PSYCHROMETRIC SUMMARY

MONTH

1  
HOURS 5.7

[illegible]

USAFETAC FORM JUL 84 0-26.5 (OL A) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

3. The following is a list of the names of the persons who have been named in the above-mentioned affidavits as having been in the possession of the same at the time of the same being seized:

MONTH

HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

[illegible]

USAFETAC FORM 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 64

# PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |

| Element (X) | Σ X'   | Σ X    | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        |       |
|-------------|--------|--------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|             |        |        |           |            |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum.   | 612.14 | 465.57 | 43.616    | 16.165     | 93       |                                    |        |        |        |        |        |       |
| Dry Bulb    | 675.76 | 602.6  | 70.9      | 7.576      | 93       |                                    |        | 66.7   | 38.0   | 17.0   |        |       |
| Wet Bulb    | 705.41 | 622.9  | 67.1      | 5.17       | 93       |                                    |        | 7.4    |        |        |        |       |
| Dew Point   | 802.57 | 425.9  | 45.9      | 7.257      | 93       |                                    | 4.5    |        |        |        |        |       |

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MONTH

[illegible]

USAFETAC FORM JUL 84 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MONTH

HOURS 12.5

[illegible]

USAFETAC  
FORM 0-26-5 (OL A)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



| STATION | STATION NAME | YEARS | MONTH | HOURS (L, S, T) |
|---------|--------------|-------|-------|-----------------|
|         |              |       |       |                 |

[illegible]

USAFETAC  
FORM  
JUL 64  
0.26 5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

USAFETAC  
FORM  
JUL 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|         |              |       | HOURS |

USAFETAC FORM JUL 66 0 26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**  
FORM  
JUL 84  
**0 26-5 (OLA)**  
STANDARD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

1. \_\_\_\_\_  
HOURS 11. 5. 1.

USAFETAC FORM 026-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 026.5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

[illegible]

USAFETAC FORM 0.26 5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

## USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

## PSYCHROMETRIC SUMMARY

MON \* H

[illegible]

USAFETAC 0 26 5 (OLA) POEAM JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



USAFETAC FORM 0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION

STATION NAME

YEARS

MONTH

HOURS 11 5 1

[illegible]

# PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s^2$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|             |              |            |           |       |          | ≤ 0 F                              | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |       |
| Rel. Hum.   | 2234         | 4170       | 45.4      | 16.72 | 893      |                                    |        |        |        |        |        |       |
| Dry Bulb    | 3741         | 5796       | 64.7      | 7.73  | 893      |                                    |        | 50.6   | 10.7   | 1.0    |        |       |
| Wet Bulb    | 2015         | 4707       | 52.6      | 5.51  | 893      |                                    |        | .1     | .1     |        |        |       |
| Dew Point   | 1029         | 3737       | 41.7      | 2.56  | 893      |                                    | 13.7   |        |        |        |        |       |

# PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 71           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 72           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 73           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 74           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 76           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 77           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 78           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 79           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 81           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 82           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 83           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 84           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 86           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 87           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 88           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 89           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 91           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 92           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 93           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 94           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 96           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 97           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 98           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 99           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Σ X²         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Σ X          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Σ            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |
| Σ X          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |  |

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

ALBUQUERQUE, N.M.  
 1946  
 MONTHLY SUMMARY

# PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

1946-1947  
 HOURS (L.S.T.)

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 100          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 95           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 90           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 85           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 80           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 75           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 70           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 65           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 60           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 55           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 50           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 45           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 40           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 35           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 25           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 15           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 5            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 0            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -5           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -10          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -15          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -20          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -25          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -30          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -35          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -40          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -45          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -50          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -55          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -60          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -65          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -70          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -75          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -80          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -85          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -90          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -95          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| -100         |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature |                          |                          |                          |                          | Total                    |  |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
|             |              |            |           |            |          | $\leq 0^\circ \text{F}$            | $\leq 32^\circ \text{F}$ | $\leq 67^\circ \text{F}$ | $\leq 73^\circ \text{F}$ | $\leq 80^\circ \text{F}$ | $\leq 93^\circ \text{F}$ |  |
| Rel. Hum.   | 221.2        | 15.3       | 32.4      | 13.212     | 287      |                                    |                          |                          |                          |                          |                          |  |
| Dry Bulb    | 532.69       | 71.47      | 79.       | 2.706      | 358      |                                    |                          | 2.7                      | 6.4                      | 4.7                      | 4.7                      |  |
| Wet Bulb    | 101.67       | 23.17      | 59.       | 4.384      | 287      |                                    |                          |                          |                          |                          |                          |  |
| Dew Point   | 1659.35      | 36.68      | 42.6      | 9.244      | 287      |                                    | 11.6                     |                          |                          |                          |                          |  |

1. *Phragmites australis* (Cav.) Trin. ex Steud.

MONTH

2000

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

MONTH

HOURS 12.5. T.

[illegible]

## PSYCHROMETRIC SUMMARY

MONTH

[illegible]

USAFETAC  
FORM  
JUL 64  
0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]





## PSYCHROMETRIC SUMMARY

MONTH

HOURS 7 8 9

[illegible]

USAFETAC FORM 0-26.5 (OLA) JUL 64 RE-250 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A159 688

EDWARDS AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS  
CLIMATIC SUMMARY (LIS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 84

44

UNCLASSIFIED

USAFETAC/DS-84/039

F/G 4/2

NL

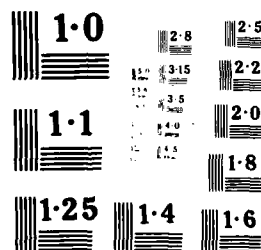
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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END

DATE

12-1985

DTIC



THE UNIVERSITY OF CHICAGO

MONTH

USAFETAC  
FORM  
JUL 64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

HOURS L. S. T.

[illegible]

**PHYSIOLOGICAL REACTION**

MONTH

[illegible]

DECLASSIFICATION AUTHORITY  
DATE 03-01-2001 BY 60322 UCBAW

STATION

STATION NAME

74-275

YEARS

MONTH

HOURS 11 5 2

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



ALBANY, N.Y. (AP) — A woman was shot and killed by a police officer in Albany, N.Y., on Monday.

70-1117  
HOURS (C. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 104     | ASAC         | 74-87 | 10    |

207-11  
HOURS 11 5 7

[illegible]

USAFETAC  
FORM  
JUL 64  
0-26.5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

USAFETAC  
FORM  
JAN 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS PUBLICATION ARE OBSOLETE

[illegible]

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONITORING

HOURS: 1. 5.

[illegible]

USAFETAC  
FORM  
JUL 64  
0 26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

1994

HOURS

[illegible][illegible]



USAFETAC FORM 0265 (OLA)  
JUL 84  
REVERSE PREVIOUS EDITIONS OF THIS FORM AND SUBMIT

1. 2024. 12. 15.

MOJRS 5 \*

[illegible]

## PSYCHROMETRIC SUMMARY

MONDAY

HOURS 11:30

[illegible]

## PSYCHROMETRIC SUMMARY

MONTH

HOURS : S. T.

[illegible]

USAFETAC  
FORM  
JAN 64  
0-265 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

USAFETAC  
FORM 0265 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

1. THE UNITED STATES OF AMERICA

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 1            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 2            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 3            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 4            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 5            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 6            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 7            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 8            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 9            |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 10           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 11           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 12           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 13           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 14           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 15           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 16           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 17           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 18           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 19           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 20           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 21           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 22           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 23           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 24           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 25           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 26           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 27           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 28           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 29           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 30           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 31           |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |    |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma x^4$ | $\Sigma x$ | $\bar{x}$ | $s_x$  | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum.   | 1732.4       | 504.4      | 41.6      | 15.757 | 248      | ± 0 F                              | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F |       |
| Dry Bulb    | 255.3        | 466.7      | 57.6      | 7.431  | 248      |                                    | 1      | 1      | 1      |        |        |       |
| Wet Bulb    | 17.7         | 371.7      | 41.6      | 6.555  | 248      |                                    | 7      |        |        |        |        |       |
| Dew Point   | 17377.4      | 541.9      | 27.7      | 11.356 | 248      | 1.4                                | 50.5   |        |        |        |        |       |

USAFETAC FORM 0-26-5 (OLA) JUL 64 RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

MONTH

[illegible]

USAFETAC

1. The first step is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

MONTH

|       |  |
|-------|--|
| TOTAL |  |
|-------|--|

[illegible]

USAFETAC FORM 0-26-5 (OLA)  
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



| STATION | STATION NAME | YEARS | MONTH | HOURS L. S. T. |
|---------|--------------|-------|-------|----------------|
|         |              |       |       |                |

USAFETAC  
FORM  
0-26-5 (OL A)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. *Chlorophyll a* (Chl *a*)  
 2. *Chlorophyll b* (Chl *b*)  
 3. *Chlorophyll c* (Chl *c*)  
 4. *Chlorophyll d* (Chl *d*)  
 5. *Chlorophyll e* (Chl *e*)  
 6. *Chlorophyll f* (Chl *f*)  
 7. *Chlorophyll g* (Chl *g*)  
 8. *Chlorophyll h* (Chl *h*)  
 9. *Chlorophyll i* (Chl *i*)  
 10. *Chlorophyll j* (Chl *j*)  
 11. *Chlorophyll k* (Chl *k*)  
 12. *Chlorophyll l* (Chl *l*)  
 13. *Chlorophyll m* (Chl *m*)  
 14. *Chlorophyll n* (Chl *n*)  
 15. *Chlorophyll o* (Chl *o*)  
 16. *Chlorophyll p* (Chl *p*)  
 17. *Chlorophyll q* (Chl *q*)  
 18. *Chlorophyll r* (Chl *r*)  
 19. *Chlorophyll s* (Chl *s*)  
 20. *Chlorophyll t* (Chl *t*)  
 21. *Chlorophyll u* (Chl *u*)  
 22. *Chlorophyll v* (Chl *v*)  
 23. *Chlorophyll w* (Chl *w*)  
 24. *Chlorophyll x* (Chl *x*)  
 25. *Chlorophyll y* (Chl *y*)  
 26. *Chlorophyll z* (Chl *z*)  
 27. *Chlorophyll aa* (Chl *aa*)  
 28. *Chlorophyll ab* (Chl *ab*)  
 29. *Chlorophyll ac* (Chl *ac*)  
 30. *Chlorophyll ad* (Chl *ad*)  
 31. *Chlorophyll ae* (Chl *ae*)  
 32. *Chlorophyll af* (Chl *af*)  
 33. *Chlorophyll ag* (Chl *ag*)  
 34. *Chlorophyll ah* (Chl *ah*)  
 35. *Chlorophyll ai* (Chl *ai*)  
 36. *Chlorophyll aj* (Chl *aj*)  
 37. *Chlorophyll ak* (Chl *ak*)  
 38. *Chlorophyll al* (Chl *al*)  
 39. *Chlorophyll am* (Chl *am*)  
 40. *Chlorophyll an* (Chl *an*)  
 41. *Chlorophyll ao* (Chl *ao*)  
 42. *Chlorophyll ap* (Chl *ap*)  
 43. *Chlorophyll aq* (Chl *aq*)  
 44. *Chlorophyll ar* (Chl *ar*)  
 45. *Chlorophyll as* (Chl *as*)  
 46. *Chlorophyll at* (Chl *at*)  
 47. *Chlorophyll au* (Chl *au*)  
 48. *Chlorophyll av* (Chl *av*)  
 49. *Chlorophyll aw* (Chl *aw*)  
 50. *Chlorophyll ax* (Chl *ax*)  
 51. *Chlorophyll ay* (Chl *ay*)  
 52. *Chlorophyll az* (Chl *az*)  
 53. *Chlorophyll aza* (Chl *aza*)  
 54. *Chlorophyll abz* (Chl *abz*)  
 55. *Chlorophyll acz* (Chl *acz*)  
 56. *Chlorophyll adz* (Chl *adz*)  
 57. *Chlorophyll aez* (Chl *aez*)  
 58. *Chlorophyll afz* (Chl *afz*)  
 59. *Chlorophyll agz* (Chl *agz*)  
 60. *Chlorophyll ahz* (Chl *ahz*)  
 61. *Chlorophyll aiz* (Chl *aiz*)  
 62. *Chlorophyll ajz* (Chl *ajz*)  
 63. *Chlorophyll akz* (Chl *akz*)  
 64. *Chlorophyll alz* (Chl *alz*)  
 65. *Chlorophyll amz* (Chl *amz*)  
 66. *Chlorophyll anz* (Chl *anz*)  
 67. *Chlorophyll aoz* (Chl *aoz*)  
 68. *Chlorophyll apz* (Chl *apz*)  
 69. *Chlorophyll aqz* (Chl *aqz*)  
 70. *Chlorophyll arz* (Chl *arz*)  
 71. *Chlorophyll asz* (Chl *asz*)  
 72. *Chlorophyll atz* (Chl *atz*)  
 73. *Chlorophyll auz* (Chl *auz*)  
 74. *Chlorophyll avz* (Chl *avz*)  
 75. *Chlorophyll awz* (Chl *awz*)  
 76. *Chlorophyll axz* (Chl *axz*)  
 77. *Chlorophyll ayz* (Chl *ayz*)  
 78. *Chlorophyll ayz* (Chl *ayz*)  
 79. *Chlorophyll azz* (Chl *azz*)  
 80. *Chlorophyll azaa* (Chl *aza*)  
 81. *Chlorophyll abz* (Chl *abz*)  
 82. *Chlorophyll acz* (Chl *acz*)  
 83. *Chlorophyll adz* (Chl *adz*)  
 84. *Chlorophyll aez* (Chl *aez*)  
 85. *Chlorophyll afz* (Chl *afz*)  
 86. *Chlorophyll agz* (Chl *agz*)  
 87. *Chlorophyll ahz* (Chl *ahz*)  
 88. *Chlorophyll aiz* (Chl *aiz*)  
 89. *Chlorophyll ajz* (Chl *ajz*)  
 90. *Chlorophyll akz* (Chl *akz*)  
 91. *Chlorophyll alz* (Chl *alz*)  
 92. *Chlorophyll amz* (Chl *amz*)  
 93. *Chlorophyll anz* (Chl *anz*)  
 94. *Chlorophyll aoz* (Chl *aoz*)  
 95. *Chlorophyll apz* (Chl *apz*)  
 96. *Chlorophyll aqz* (Chl *aqz*)  
 97. *Chlorophyll arz* (Chl *arz*)  
 98. *Chlorophyll asz* (Chl *asz*)  
 99. *Chlorophyll atz* (Chl *atz*)  
 100. *Chlorophyll auz* (Chl *auz*)  
 101. *Chlorophyll avz* (Chl *avz*)  
 102. *Chlorophyll awz* (Chl *awz*)  
 103. *Chlorophyll axz* (Chl *axz*)  
 104. *Chlorophyll ayz* (Chl *ayz*)  
 105. *Chlorophyll ayz* (Chl *ayz*)  
 106. *Chlorophyll azz* (Chl *azz*)  
 107. *Chlorophyll azaa* (Chl *aza*)  
 108. *Chlorophyll abz* (Chl *abz*)  
 109. *Chlorophyll acz* (Chl *acz*)  
 110. *Chlorophyll adz* (Chl *adz*)  
 111. *Chlorophyll aez* (Chl *aez*)  
 112. *Chlorophyll afz* (Chl *afz*)  
 113. *Chlorophyll agz* (Chl *agz*)  
 114. *Chlorophyll ahz* (Chl *ahz*)  
 115. *Chlorophyll aiz* (Chl *aiz*)  
 116. *Chlorophyll ajz* (Chl *ajz*)  
 117. *Chlorophyll akz* (Chl *akz*)  
 118. *Chlorophyll alz* (Chl *alz*)  
 119. *Chlorophyll amz* (Chl *amz*)  
 120. *Chlorophyll anz* (Chl *anz*)  
 121. *Chlorophyll aoz* (Chl *aoz*)  
 122. *Chlorophyll apz* (Chl *apz*)  
 123. *Chlorophyll aqz* (Chl *aqz*)  
 124. *Chlorophyll arz* (Chl *arz*)  
 125. *Chlorophyll asz* (Chl *asz*)  
 126. *Chlorophyll atz* (Chl *atz*)  
 127. *Chlorophyll auz* (Chl *auz*)  
 128. *Chlorophyll avz* (Chl *avz*)  
 129. *Chlorophyll awz* (Chl *awz*)  
 130. *Chlorophyll axz* (Chl *axz*)  
 131. *Chlorophyll ayz* (Chl *ayz*)  
 132. *Chlorophyll ayz* (Chl *ayz*)  
 133.

**MONTH**

USAFETAC FORM 0265 (OL A) BE-SEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 01-25-2001 BY 60322 UCBAW

MONTH

| HOURLS | S | T |
|--------|---|---|
|--------|---|---|

[illegible]

## USAFETAL FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

[illegible]



1. DEPARTMENT OF AGRICULTURE  
2. UNITED STATES OF AMERICA  
3. WASHINGTON, D. C.

MONTE

[illegible]

USAFETAC FORM 0.26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC  
FORM 0-26-5 (OL A)  
JUN 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

MONTH

USAFETAC  
FORM  
JAN 64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

USAFETAC  
FORM 0-26-5 (OL A)  
JUL 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1       | 2            | 3     | 4     |
| 5       | 6            | 7     | 8     |
| 9       | 10           | 11    | 12    |
| 13      | 14           | 15    | 16    |
| 17      | 18           | 19    | 20    |
| 21      | 22           | 23    | 24    |
| 25      | 26           | 27    | 28    |
| 29      | 30           | 31    | 32    |
| 33      | 34           | 35    | 36    |
| 37      | 38           | 39    | 40    |
| 41      | 42           | 43    | 44    |
| 45      | 46           | 47    | 48    |
| 49      | 50           | 51    | 52    |
| 53      | 54           | 55    | 56    |
| 57      | 58           | 59    | 60    |
| 61      | 62           | 63    | 64    |
| 65      | 66           | 67    | 68    |
| 69      | 70           | 71    | 72    |
| 73      | 74           | 75    | 76    |
| 77      | 78           | 79    | 80    |
| 81      | 82           | 83    | 84    |
| 85      | 86           | 87    | 88    |
| 89      | 90           | 91    | 92    |
| 93      | 94           | 95    | 96    |
| 97      | 98           | 99    | 100   |
| 101     | 102          | 103   | 104   |
| 105     | 106          | 107   | 108   |
| 109     | 110          | 111   | 112   |
| 113     | 114          | 115   | 116   |
| 117     | 118          | 119   | 120   |
| 121     | 122          | 123   | 124   |
| 125     | 126          | 127   | 128   |
| 129     | 130          | 131   | 132   |
| 133     | 134          | 135   | 136   |
| 137     | 138          | 139   | 140   |
| 141     | 142          | 143   | 144   |
| 145     | 146          | 147   | 148   |
| 149     | 150          | 151   | 152   |
| 153     | 154          | 155   | 156   |
| 157     | 158          | 159   | 160   |
| 161     | 162          | 163   | 164   |
| 165     | 166          | 167   | 168   |
| 169     | 170          | 171   | 172   |
| 173     | 174          | 175   | 176   |
| 177     | 178          | 179   | 180   |
| 181     | 182          | 183   | 184   |
| 185     | 186          | 187   | 188   |
| 189     | 190          | 191   | 192   |
| 193     | 194          | 195   | 196   |
| 197     | 198          | 199   | 200   |
| 201     | 202          | 203   | 204   |
| 205     | 206          | 207   | 208   |
| 209     | 210          | 211   | 212   |
| 213     | 214          | 215   | 216   |
| 217     | 218          | 219   | 220   |
| 221     | 222          | 223   | 224   |
| 225     | 226          | 227   | 228   |
| 229     | 230          | 231   | 232   |
| 233     | 234          | 235   | 236   |
| 237     | 238          | 239   | 240   |
| 241     | 242          | 243   | 244   |
| 245     | 246          | 247   | 248   |
| 249     | 250          | 251   | 252   |
| 253     | 254          | 255   | 256   |
| 257     | 258          | 259   | 260   |
| 261     | 262          | 263   | 264   |
| 265     | 266          | 267   | 268   |
| 269     | 270          | 271   | 272   |
| 273     | 274          | 275   | 276   |
| 277     | 278          | 279   | 280   |
| 281     | 282          | 283   | 284   |
| 285     | 286          | 287   | 288   |
| 289     | 290          | 291   | 292   |
| 293     | 294          | 295   | 296   |
| 297     | 298          | 299   | 300   |
| 301     | 302          | 303   | 304   |
| 305     | 306          | 307   | 308   |
| 309     | 310          | 311   | 312   |
| 313     | 314          | 315   | 316   |
| 317     | 318          | 319   | 320   |
| 321     | 322          | 323   | 324   |
| 325     | 326          | 327   | 328   |
| 329     | 330          | 331   | 332   |
| 333     | 334          | 335   | 336   |
| 337     | 338          | 339   | 340   |
| 341     | 342          | 343   | 344   |
| 345     | 346          | 347   | 348   |
| 349     | 350          | 351   | 352   |
| 353     | 354          | 355   | 356   |
| 357     | 358          | 359   | 360   |
| 361     | 362          | 363   | 364   |
| 365     | 366          | 367   | 368   |
| 369     | 370          | 371   | 372   |
| 373     | 374          | 375   | 376   |
| 377     | 378          | 379   | 380   |
| 381     | 382          | 383   | 384   |
| 385     | 386          |       |       |

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| HOURS   | S            | T     |       |

USAFETAC FORM 026.5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

|         |              |      |       |       |
|---------|--------------|------|-------|-------|
| STATION | STATION NAME | 74-5 | YEARS | MONTH |
|         |              |      |       | HOURS |

[illegible]

|         |              |       |                |
|---------|--------------|-------|----------------|
| STATION | STATION NAME | YEARS | MONTH          |
|         |              |       | HOURS (C.S.T.) |

USAFETAL  
FORM  
JUL 66  
0-26.5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

USAFETAC  
FORM  
JUL 64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MONTH

HOURS: 5.1

[illegible]

USAFETAC  
NORMA  
JUL 64  
0-26-5 (OLA)  
REVISED PREVIOUS EDITIONS OF THIS MEMO ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

HOURS 1 5

USAFETAC  
KOLB  
JUL 84  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



AL CLIMATOLOGICAL ARCHIVE  
 1740  
 T. C. SERVICE/AFAC

USE WITH CAUTION  
 SEE FIRST PAGE

# MEANS AND STANDARD DEVIATIONS

MONTHLY TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

STATION NAME

74-84

|           | AN     | FEB    | MAR   | APR    | MAY    | JUN    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC    | YR     |
|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN      | 34.4   | 31.2   | 39.6  | 44.8   | 51.3   | 59.9   | 65.3   | 64.8   | 61.0   | 49.7   | 38.7   | 32.8   | 46.7   |
| S.D.      | 6.201  | 7.570  | 5.779 | 6.862  | 6.746  | 5.682  | 5.611  | 6.194  | 6.344  | 6.291  | 6.963  | 6.090  | 10.251 |
| TOTAL OBS | 11     | 24     | 41    | 1      | 376    | 297    | 305    | 307    | 291    | 279    | 31     | 22     | 2079   |
| MEAN      | 34.6   | 38.6   | 43.1  | 49.2   | 59.7   | 68.9   | 73.5   | 71.9   | 64.3   | 52.0   | 39.5   | 34.1   | 52.6   |
| S.D.      | 6.221  | 7.535  | 6.911 | 7.465  | 6.437  | 7.653  | 7.036  | 7.676  | 7.701  | 8.718  | 6.490  | 8.673  | 16.050 |
| TOTAL OBS | 912    | 846    | 927   | 893    | 970    | 900    | 926    | 930    | 893    | 970    | 886    | 867    | 10850  |
| MEAN      | 44.3   | 41.2   | 53.6  | 61.1   | 72.1   | 82.3   | 87.7   | 84.9   | 79.0   | 66.8   | 53.2   | 45.2   | 65.1   |
| S.D.      | 7.473  | 7.114  | 6.773 | 8.411  | 6.499  | 7.958  | 6.377  | 7.431  | 6.386  | 8.146  | 6.320  | 6.353  | 17.215 |
| TOTAL OBS | 906    | 849    | 930   | 894    | 930    | 900    | 927    | 930    | 888    | 970    | 888    | 891    | 10863  |
| MEAN      | 46.1   | 58.1   | 60.1  | 67.4   | 78.3   | 88.8   | 95.2   | 92.6   | 87.5   | 75.5   | 63.1   | 55.5   | 73.2   |
| S.D.      | 7.315  | 7.406  | 7.479 | 9.568  | 10.334 | 7.965  | 6.907  | 7.327  | 8.876  | 8.847  | 6.185  | 7.736  | 16.717 |
| TOTAL OBS | 905    | 849    | 930   | 894    | 930    | 900    | 927    | 930    | 886    | 970    | 886    | 889    | 10861  |
| MEAN      | 55.3   | 55.2   | 61.3  | 67.1   | 77.7   | 88.1   | 95.1   | 92.8   | 87.9   | 75.8   | 62.9   | 56.2   | 73.4   |
| S.D.      | 7.578  | 6.139  | 8.217 | 10.253 | 10.842 | 8.331  | 6.437  | 7.565  | 9.275  | 9.576  | 8.918  | 7.657  | 16.662 |
| TOTAL OBS | 905    | 849    | 930   | 894    | 930    | 900    | 926    | 927    | 890    | 970    | 888    | 870    | 10839  |
| MEAN      | 47.6   | 51.1   | 53.3  | 59.2   | 69.3   | 78.7   | 85.3   | 83.0   | 78.1   | 65.5   | 52.6   | 46.3   | 54.3   |
| S.D.      | 6.374  | 6.626  | 6.977 | 8.857  | 10.357 | 8.433  | 6.961  | 7.775  | 8.663  | 8.103  | 7.481  | 7.035  | 15.889 |
| TOTAL OBS | 905    | 846    | 929   | 894    | 930    | 900    | 923    | 927    | 894    | 929    | 888    | 855    | 10616  |
| MEAN      | 42.7   | 46.7   | 49.3  | 53.8   | 64.1   | 70.1   | 77.7   | 76.0   | 74.8   | 57.3   | 47.8   | 42.0   | 50.7   |
| S.D.      | 6.120  | 5.836  | 5.796 | 6.678  | 8.413  | 6.626  | 5.724  | 5.461  | 5.320  | 7.507  | 7.003  | 6.850  | 11.434 |
| TOTAL OBS | 371    | 22     | 307   | 263    | 43     | 57     | 47     | 47     | 71     | 91     | 294    | 294    | 2089   |
| MEAN      |        |        |       |        |        |        |        |        |        |        |        |        |        |
| S.D.      |        |        |       |        |        |        |        |        |        |        |        |        |        |
| TOTAL OBS |        |        |       |        |        |        |        |        |        |        |        |        |        |
| MEAN      | 46.1   | 50.9   | 53.7  | 61.1   | 70.1   | 79.9   | 85.9   | 83.5   | 78.1   | 66.0   | 53.8   | 47.0   | 64.9   |
| S.D.      | 10.307 | 10.316 | 9.542 | 11.219 | 12.617 | 11.870 | 11.331 | 11.793 | 12.665 | 12.673 | 11.362 | 11.228 | 18.053 |
| TOTAL OBS | 433    | 4545   | 4596  | 4823   | 4999   | 4854   | 4981   | 4998   | 4819   | 5019   | 4763   | 4696   | 59329  |

SAR ETAL FORM 089.5 (OLA)

AL CLIMATELOGY BRANCH  
 ATC  
 AIRCRAFT SERVICE MAC

USE WITH CAUTION  
 SEE FIRST PAGE

# MEANS AND STANDARD DEVIATIONS

NET-RULE TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

| STATION NAME |           | YEAR  |       |       |       |       |       |       |       |       |       |       |       |
|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 74-84        |           | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   |
| 1-10         | MEAN      | 71.0  | 73.0  | 76.0  | 79.5  | 84.3  | 89.7  | 93.5  | 94.2  | 90.5  | 82.3  | 73.7  | 64.9  |
|              | S.D.      | 6.237 | 7.58  | 6.600 | 5.659 | 5.186 | 4.322 | 4.793 | 5.206 | 5.455 | 6.341 | 6.606 | 5.911 |
|              | TOTAL OBS | 11    | 24    | 41    | 51    | 326   | 297   | 315   | 347   | 295   | 279   | 31    | 22    |
| 1-11         | MEAN      | 71.0  | 75.0  | 76.6  | 82.2  | 89.0  | 94.1  | 97.3  | 97.1  | 92.6  | 83.8  | 73.9  | 64.9  |
|              | S.D.      | 6.187 | 7.65  | 6.295 | 5.505 | 5.380 | 4.498 | 4.753 | 5.015 | 5.512 | 6.704 | 7.976 | 8.333 |
|              | TOTAL OBS | 9     | 24    | 927   | 893   | 930   | 900   | 926   | 930   | 893   | 930   | 895   | 587   |
| 1-12         | MEAN      | 71.0  | 81.8  | 84.4  | 87.7  | 93.8  | 98.5  | 101.7 | 102.1 | 99.0  | 91.3  | 82.4  | 73.3  |
|              | S.D.      | 6.470 | 6.959 | 5.157 | 5.077 | 5.157 | 4.088 | 3.798 | 3.984 | 4.394 | 5.328 | 6.573 | 7.099 |
|              | TOTAL OBS | 9     | 849   | 930   | 894   | 930   | 900   | 927   | 930   | 887   | 930   | 888   | 891   |
| 1-14         | MEAN      | 73.4  | 85.6  | 86.9  | 90.0  | 95.5  | 101.2 | 103.9 | 104.0 | 101.4 | 94.5  | 87.1  | 78.0  |
|              | S.D.      | 6.45  | 6.864 | 4.727 | 5.004 | 4.922 | 3.804 | 3.600 | 3.759 | 4.136 | 4.707 | 5.384 | 5.800 |
|              | TOTAL OBS | 9     | 849   | 930   | 894   | 930   | 900   | 927   | 930   | 888   | 930   | 888   | 889   |
| 1-17         | MEAN      | 74.0  | 86.0  | 87.1  | 90.1  | 95.7  | 101.7 | 104.3 | 104.4 | 101.6 | 94.3  | 86.8  | 78.3  |
|              | S.D.      | 6.282 | 6.834 | 5.773 | 5.136 | 4.984 | 3.799 | 3.449 | 3.736 | 4.179 | 4.804 | 5.341 | 5.560 |
|              | TOTAL OBS | 9     | 849   | 930   | 894   | 930   | 900   | 926   | 927   | 890   | 929   | 888   | 870   |
| 1-21         | MEAN      | 75.7  | 87.7  | 88.3  | 91.4  | 96.3  | 101.8 | 104.5 | 104.6 | 101.9 | 94.9  | 87.9  | 78.0  |
|              | S.D.      | 6.408 | 6.269 | 5.101 | 5.211 | 5.305 | 4.036 | 3.715 | 4.297 | 4.675 | 5.350 | 6.155 | 6.362 |
|              | TOTAL OBS | 9     | 846   | 929   | 894   | 930   | 898   | 923   | 927   | 894   | 929   | 888   | 855   |
| 1-23         | MEAN      | 77.4  | 89.4  | 90.4  | 93.4  | 99.7  | 105.0 | 107.7 | 107.7 | 104.3 | 97.4  | 89.2  | 80.2  |
|              | S.D.      | 6.480 | 6.527 | 5.315 | 4.864 | 5.518 | 3.868 | 3.570 | 4.176 | 4.965 | 6.179 | 6.452 | 6.632 |
|              | TOTAL OBS | 3     | 282   | 309   | 283   | 43    | 57    | 47    | 47    | 71    | 91    | 293   | 284   |
| ALL          | MEAN      | 77.3  | 89.0  | 90.1  | 93.2  | 99.7  | 105.7 | 108.2 | 108.2 | 104.9 | 97.4  | 89.0  | 80.7  |
|              | S.D.      | 7.71  | 6.897 | 6.094 | 5.988 | 6.073 | 5.093 | 5.075 | 5.274 | 5.946 | 6.992 | 7.972 | 8.285 |
|              | TOTAL OBS | 4233  | 4545  | 4996  | 4923  | 4999  | 4652  | 4981  | 4998  | 4816  | 5015  | 4761  | 4696  |



### RELATIVE HUMIDITY

USE WITH CAUTION  
FIRST PAGE

STATION NAME

70-5

PERIOD

202

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |       |       |       |       | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |       |
|-------|--------------|--|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|-------|
|       |              | 10   | 20    | 30    | 40    | 50    | 60    | 70    | 80    |                              |                        | 90    |
| 1     | 1-1          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0                        | 100.0                  | 100.0 |
| 1     | 1-2          | 100.0  | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0                        | 100.0                  | 100.0 |
| 1     | 1-3          | 100.0  | 100.0 | 98.4  | 93.3  | 85.7  | 78.6  | 61.7  | 37.7  | 14.4                         | 7.2                    | 97.0  |
| 1     | 1-4          | 100.0  | 98.3  | 91.8  | 78.1  | 67.7  | 47.7  | 32.4  | 18.2  | 8.2                          | 52.7                   | 97.6  |
| 1     | 1-5          | 100.0  | 97.7  | 67.7  | 47.7  | 37.7  | 18.2  | 11.7  | 5.7   | 2.7                          | 43.7                   | 97.0  |
| 1     | 1-6          | 97.7   | 91.4  | 61.7  | 44.4  | 31.7  | 18.7  | 14.7  | 8.7   | 2.7                          | 41.7                   | 97.4  |
| 1     | 1-7          | 100.0  | 96.3  | 82.8  | 71.1  | 57.1  | 41.7  | 24.7  | 14.1  | 7.4                          | 35.7                   | 97.0  |
| 1     | 1-8          | 100.0  | 85.7  | 97.7  | 92.4  | 57.4  | 54.7  | 37.7  | 18.7  | 8.7                          | 41.7                   | 97.1  |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
|       |              |  |       |       |       |       |       |       |       |                              |                        |       |
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USAFETAC FORM 3-87-5 OL A.

USE WITH CAUTION  
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USE WITH CAUTION  
SEE FIRST PAGE

# MEANS AND STANDARD DEVIATIONS

FA LEVEL PRECIPITATION IN INCHES FROM HOURLY OBSERVATIONS

STATION NAME

74-84

|           | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | TOTAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MEAN      | 1.22  | 1.11  | 1.27  | 1.15  | 1.61  | 1.14  | 1.16  | 1.2   | 1.11  | 1.51  | 1.12  | 1.21  | 1.12  |
| S.D.      | 5.771 | 5.595 | 5.399 | 3.5   | 3.165 | 2.666 | 2.243 | 1.504 | 2.776 | 3.575 | 5.525 | 5.576 | 5.377 |
| TOTAL OBS | 321   | 23    | 329   | 288   | 315   | 322   | 329   | 310   | 296   | 315   | 293   | 296   | 3617  |
| MEAN      | 1.21  | 1.11  | 1.61  | 1.15  | 1.91  | 1.14  | 1.16  | 1.2   | 1.11  | 1.51  | 1.12  | 1.21  | 1.12  |
| S.D.      | 5.757 | 5.493 | 5.345 | 3.545 | 3.221 | 2.697 | 2.289 | 2.179 | 2.772 | 3.512 | 5.555 | 5.556 | 5.375 |
| TOTAL OBS | 321   | 23    | 315   | 288   | 315   | 322   | 329   | 310   | 296   | 315   | 294   | 296   | 3617  |
| MEAN      | 1.1   | 1.3   | 1.17  | 1.41  | 1.14  | 1.21  | 1.13  | 1.16  | 1.11  | 1.11  | 1.14  | 1.13  | 1.18  |
| S.D.      | 5.3   | 5.119 | 5.19  | 3.145 | 3.178 | 2.637 | 2.283 | 2.5   | 2.715 | 3.672 | 5.366 | 5.276 | 5.133 |
| TOTAL OBS | 321   | 23    | 315   | 288   | 315   | 322   | 329   | 310   | 296   | 315   | 294   | 296   | 3613  |
| MEAN      | 1.17  | 1.16  | 1.16  | 1.13  | 1.11  | 1.12  | 1.11  | 1.11  | 1.11  | 1.13  | 1.16  | 1.16  | 1.18  |
| S.D.      | 5.67  | 4.833 | 4.725 | 3.266 | 2.945 | 2.165 | 2.531 | 2.673 | 3.404 | 5.074 | 5.066 | 5.066 | 5.045 |
| TOTAL OBS | 321   | 23    | 315   | 288   | 315   | 322   | 329   | 310   | 296   | 315   | 294   | 296   | 3625  |
| MEAN      | 1.17  | 1.17  | 1.41  | 1.13  | 1.12  | 1.13  | 1.13  | 1.11  | 1.11  | 1.13  | 1.14  | 1.17  | 1.19  |
| S.D.      | 5.225 | 4.965 | 4.612 | 3.172 | 2.870 | 2.323 | 2.163 | 2.370 | 2.576 | 3.459 | 5.176 | 5.157 | 5.193 |
| TOTAL OBS | 321   | 23    | 315   | 287   | 315   | 322   | 325   | 309   | 297   | 315   | 295   | 285   | 3634  |
| MEAN      | 1.19  | 1.17  | 1.17  | 1.14  | 1.13  | 1.13  | 1.13  | 1.11  | 1.11  | 1.14  | 1.14  | 1.17  | 1.19  |
| S.D.      | 5.57  | 5.323 | 5.137 | 3.614 | 3.215 | 2.713 | 2.492 | 2.785 | 2.984 | 3.876 | 5.480 | 5.482 | 5.376 |
| TOTAL OBS | 1425  | 1414  | 1549  | 1469  | 1550  | 1520  | 1542  | 1547  | 1483  | 1551  | 1472  | 1466  | 18259 |

USAF ETAC FORM 0-89.5 (OL A)

2

### MEANS AND STANDARD DEVIATIONS

0-17 00 A 7S AF: CA

74-84

USAF ETAC      FORM 0-89.5 (OL A)  
OCT 75

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

## PART :

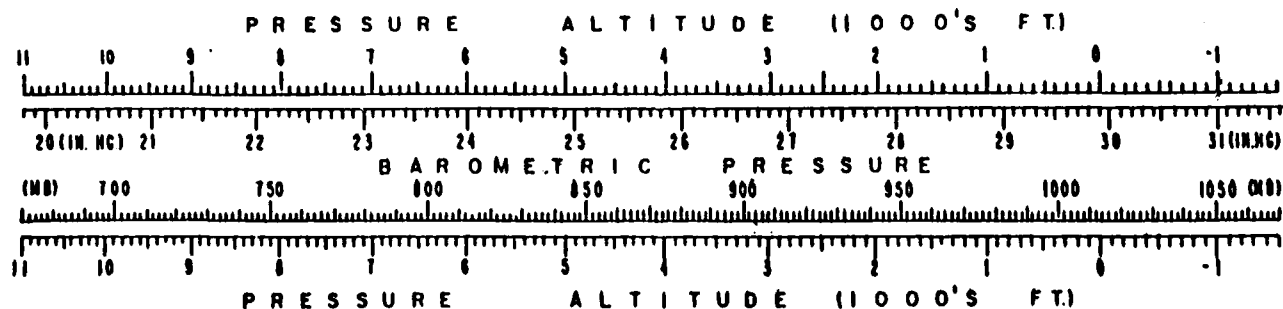
## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times OCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



USE WITH CAUTION  
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## RELATIVE HUMIDITY

|         |              |
|---------|--------------|
| STATION | STATION NAME |
| 2017    | LANDS AFB CA |

74-53

PERIOD

0-6 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|------|------|------|------|------|------|------|-----|------------------------------|-----------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90% |                              |                       |
| JULY   | 7-22           |  |      |      |      |      |      |      |      |     |                              |                       |
| "      | 8-28           | 100.0  | 98.9 | 86.4 | 91.8 | 77.7 | 63.6 | 54.6 | 19.2 | 4.5 | 63.6                         | 22                    |
| "      | 9-29           | 100.0  | 98.5 | 92.3 | 95.0 | 67.2 | 52.2 | 34.7 | 15.7 | 7.8 | 60.0                         | 397                   |
| "      | 10-11          | 100.0  | 97.2 | 82.3 | 61.1 | 41.3 | 24.4 | 11.7 | 4.9  | .9  | 48.0                         | 831                   |
| "      | 12-14          | 100.0  | 96.5 | 81.2 | 32.2 | 15.9 | 8.3  | 4.7  | 1.5  |     | 38.4                         | 599                   |
| "      | 14-17          | 100.0  | 92.0 | 47.7 | 30.5 | 16.6 | 9.0  | 4.7  | .8   | .0  | 34.7                         | 870                   |
| "      | 1-20           | 100.0  | 96.6 | 78.1 | 54.9 | 39.2 | 23.3 | 12.5 | 4.8  | .6  | 46.4                         | 775                   |
| "      | 1-23           | 100.0  | 97.5 | 85.7 | 69.0 | 49.0 | 32.7 | 13.7 | 8.5  | 1.4 | 51.0                         | 134                   |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
|        |                |  |      |      |      |      |      |      |      |     |                              |                       |
| TOTALS |                | 100.0  | 92.7 | 74.9 | 59.1 | 43.2 | 30.5 | 22.7 | 7.8  | 1.7 | 48.7                         | 4632                  |

**USAFETAC**

FORM  
JUL 64

G-87-5 (OL A)



FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE MAC

USE WITH CAUTION  
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# RELATIVE HUMIDITY

120017  
 STATION

EDWARDS AFB CA

STATION NAME

74-63

PERIOD

1200  
 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------------------------------|------------------------|
|        |                | 10%  | 20%   | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90                           |                        |
| 7-02   |                |  |       |      |      |      |      |      |      |                              |                        |
| 7-03   |                | 100.0  | 100.0 | 98.7 | 93.9 | 87.6 | 58.1 | 37.3 | 9.7  | 6.5                          | 31                     |
| 7-08   |                | 100.0  | 99.7  | 93.1 | 76.7 | 58.8 | 45.4 | 27.5 | 10.3 | 3.8                          | 695                    |
| 7-11   |                | 100.0  | 98.8  | 67.5 | 45.6 | 27.6 | 12.2 | 4.8  | 1.4  | .5                           | 683                    |
| 7-14   |                | 100.0  | 64.5  | 36.3 | 19.6 | 9.3  | 3.4  | 1.7  |      |                              | 682                    |
| 7-17   |                | 99.7   | 60.5  | 37.2 | 22.9 | 10.9 | 6.0  | 2.8  | 1.1  | .2                           | 698                    |
| 7-20   |                | 100.0  | 37.8  | 63.6 | 45.8 | 29.2 | 15.1 | 7.5  | 1.8  | .7                           | 698                    |
| 7-23   |                | 100.0  | 96.9  | 74.7 | 56.7 | 47.6 | 22.9 | 9.2  | 2.4  | .7                           | 493                    |
|        |                |  |       |      |      |      |      |      |      |                              |                        |
|        |                |  |       |      |      |      |      |      |      |                              |                        |
|        |                |  |       |      |      |      |      |      |      |                              |                        |
|        |                |  |       |      |      |      |      |      |      |                              |                        |
| TOTALS |                | 100.0  | 75.7  | 66.1 | 50.2 | 36.7 | 23.3 | 12.3 | 3.8  | 1.7                          | 4751                   |

## RELATIVE HUMIDITY

STATION

STATION NAME

74-23

PERIOD

MONTH

[illegible]

USAFETAC      FORM 0-87-5 (OL A)  
JUL 64

## RELATIVE HUMIDITY

## RELATIVE HUMIDITY

4.10  
MONT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|--------|----------------|--|------|------|------|------|------|------|-----|-----|------------------------------|-------------------------|
|        |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80% | 90% |                              |                         |
| 1-1    | 0-02           |  |      |      |      |      |      |      |     |     |                              |                         |
| 1-1    | -05            | 100.0  | 99.0 | 92.2 | 75.0 | 44.0 | 24.0 | 15.0 | 6.2 | 3.0 | 51.1                         | 37                      |
| 1-1    | -08            | 100.0  | 96.5 | 78.9 | 48.5 | 29.5 | 16.2 | 7.8  | 3.2 | .6  | 43.6                         | 97                      |
| 1-1    | -11            | 99.5   | 86.2 | 30.3 | 12.3 | 5.3  | 2.4  | 1.1  | .5  | .3  | 27.2                         | 97                      |
| 1-1    | -14            | 95.9   | 33.7 | 12.0 | 5.1  | 3.3  | 1.4  | 1.0  | .3  | .1  | 20.0                         | 97                      |
| 1-1    | -17            | 97.1   | 30.5 | 12.4 | 5.8  | 3.7  | 2.3  | 1.3  | .9  | .3  | 20.6                         | 97                      |
| 1-1    | -20            | 99.9   | 71.6 | 47.1 | 19.2 | 7.7  | 4.3  | 2.0  | .9  | .6  | 30.3                         | 97                      |
| 1-1    | -23            | 100.0  | 67.2 | 44.7 | 21.3 | 4.3  |      |      |     |     | 31.0                         | 47                      |
| TOTALS |                | 9.1  | 70.0 | 44.4 | 26.3 | 13.9 | 7.3  | 4.0  | 1.7 | .6  | 32.0                         | 4926                    |

## RELATIVE HUMIDITY

USE WITH CAUTION  
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STATION

JOAOS AFE CA

STATION NAME

75-44

PERIOD

JUL  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |     |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |     |
|-------|----------------|--|------|------|------|------|------|-----|-----|------------------------------|------------------------|-----|
|       |                | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70  | 80  |                              |                        | 90  |
| JUL   | 0-02           |  |      |      |      |      |      |     |     |                              |                        |     |
|       | 3-05           | 100.0  | 79.0 | 38.9 | 55.7 | 33.4 | 16.4 | 4.6 | 1.6 | .3                           | 46.0                   | 920 |
|       | 6-09           | 99.9   | 92.3 | 67.3 | 31.0 | 14.5 | 5.5  | 1.4 | .8  | .2                           | 36.6                   | 920 |
|       | -11            | 96.5   | 43.7 | 15.  | 4.5  | 1.9  | .6   | .2  | .1  |                              | 21.0                   | 927 |
|       | 10-14          | 5.7  | 19.5 | 5.5  | 1.5  | .6   | .3   |     |     |                              | 16.1                   | 927 |
|       | 15-17          | 84.7   | 23.2 | 7.1  | 2.3  | 1.2  | .3   | .1  | .1  |                              | 17.0                   | 920 |
|       | 18-20          | 73.5   | 56.7 | 24.2 | 9.9  | 3.6  | .7   | .3  | .3  |                              | 24.5                   | 923 |
|       | 21-23          | 107.0  | 50.9 | 44.7 | 23.4 | 4.2  | 4.3  |     |     |                              | 31.2                   | 47  |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
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|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     |                              |                        |     |
|       |                |  |      |      |      |      |      |     |     | </                           |                        |     |

USAFETAC      FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
METAC  
AIR FATHER SERVICE/MAC

USE WITH CAUTION  
SEE FIRST PAGE

## RELATIVE HUMIDITY

STATION

7. A475 AFB CA

STATION NAME

75-4

PERIOD

WJH  
MCMH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]**USAFETAC**FORM  
101.54

0-87-5 (OL A)

## RELATIVE HUMIDITY

DAY  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

0-87.5 (OL A)

## RELATIVE HUMIDITY

ADR  
MONITOR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]

0-87-5 (OL A)



## RELATIVE HUMIDITY

STATION

APR 25 1964

STATION NAME

72-84

PERIOD

12 MONTH

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO OF<br>OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
|        |                | 10%  | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                       |
| MAY    | 5-0            |  |       |       |      |      |      |      |      |      |                              |                       |
|        | 5-8            | 100.0  | 100.0 | 100.0 | 92.7 | 85.4 | 79.2 | 59.5 | 34.1 | 12.2 | 71.0                         | 41                    |
|        | 8-10           | 100.0  | 100.0 | 98.1  | 92.9 | 82.3 | 67.0 | 43.5 | 26.2 | 5.4  | 67.4                         | 927                   |
|        | 10-11          | 100.0  | 94.9  | 87.0  | 68.3 | 46.2 | 25.6 | 12.3 | 5.1  | 1.9  | 40.3                         | 97                    |
|        | 11-14          | 100.0  | 79.6  | 61.3  | 41.7 | 22.5 | 11.9 | 5.1  | 2.5  | .5   | 77.0                         | 97                    |
|        | 14-17          | 100.0  | 77.8  | 60.6  | 43.0 | 24.9 | 13.8 | 6.7  | 3.2  | 1.0  | 70.3                         | 970                   |
|        | 17-2           | 100.0  | 91.2  | 67.2  | 56.6 | 51.9 | 32.3 | 13.4 | 5.3  | 1.7  | 50.9                         | 920                   |
|        | 2-23           | 100.0  | 97.4  | 89.6  | 79.3 | 65.7 | 46.9 | 27.9 | 10.4 | 2.5  | 57.0                         | 379                   |
|        |                |  |       |       |      |      |      |      |      |      |                              |                       |
|        |                |  |       |       |      |      |      |      |      |      |                              |                       |
| TOTALS |                | 100.0  | 1.6   | 82.2  | 69.5 | 54.1 | 38.5 | 25.2 | 12.5 | 4.0  | 63.0                         | 4990                  |

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

END

DATE  
FILMED

1-2-85

DTIC